Value Plastics

FLUID MANAGEMENT

Components

Nordson MEDICAL

v.027

Welcome to Nordson MEDICAL's Interactive Catalog!

In order to meet the needs of our customers, Nordson MEDICAL has chosen to develop a user-friendly tool that allows for quick and easy access to our vast selection of parts, along with their specifications and technical information. Within this PDF, you will enjoy the following features:

Part Description and Image Hyperlinks

Click on each part to view pricing, see part drawings, and add parts to your shopping cart.

Various Messages Within Sections

These messages will link you to product line details such as datasheets and part drawings.

Online Technical Information

Use the catalog's technical charts to link to online data.

Bookmarks and Interactive Table of Contents

For easy navigation, use these tools to jump to different product lines within the catalog.

Barb Style Descriptions

Click on this section to access specifications for each style.

Material Data Panels

Refer to these side panels for definitions of part extensions and click to view material data online.

In-Text References

E-mails, page number, and website references will link you to the appropriate location.

Designer Kit Details

Click on designer kit headers to view part maps.

Interactive Index

This tool allows you to quickly access a specific part within the catalog.

Search Capabilities

Use the search tool to find keywords throughout the PDF.

Offline Access

Download the catalog and save it to your computer for quick and easy offline access!

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Welcome to Nordson MEDICAL!

Thank you for your interest in our products. If you're a current customer, we appreciate your business and look forward to exceeding your expectations in the future. If you're seeing us for the first time, we welcome the opportunity to earn your trust.

Nordson MEDICAL is your partner in the global life sciences market bringing you the combined excellence of Value Plastics' precision plastic fluid components, biomaterial delivery devices, and Avalon Laboratories' catheter solutions, along with a wide range of capabilities, services, and customized OEM solutions.

Nordson MEDICAL is backed by the extensive resources of Nordson Corporation (Nasdaq: NDSN), the world leader in precision dispensing, fluid management and related technologies.

What We Do

The Value Plastics product line includes over 4,000 fluid management components designed specifically for flexible tubing in different style and material combinations. Products include quick connect fittings, luer fittings, check valves, bioprocessing fittings, tube-to-tube fittings, threaded fittings and blood pressure monitoring components with tubing IDs ranging from 1/16" to 1". We also offer custom component manufacturing, tubing, select medical OEM components and our TUBESETTER® fitting inserters to facilitate device assembly. Our application expertise extends to bioprocessing, blood pressure, cardiovascular, opthalmic, and more. Value Plastics products find global application in demanding healthcare OEM, research and specialty industrial applications.

Your Assurance of VP Quality

How can you be sure that you're getting a genuine Value Plastics® fitting? Look for the Value Plastics logo. Molded into every fluid management component we manufacture, this logo is your assurance you are producing the highest quality items. By relying on our superior tooling and craftsmanship, you can be assured that you will have the best OEM tubing components in your products.

To protect our intellectual property and our customers, it is important to be aware of the patents and trademarks that apply to our products. Look for the Value Plastics logo (℘) to ensure you do not mistakenly use a poor quality counterfeit of a Value Plastics® fitting, thereby jeopardizing the integrity and quality of your product. Many attributes of our components are covered by patent, including but not limited to, barb, grips, function and other design features.

Our Quality Commitment to You

At Nordson MEDICAL, quality is designed in from the outset; it's not an add-on at the end of the process. We are an FDA registered manufacturing facility and our Quality Management System is designed as a system of interrelated processes meeting the requirements of ISO 13485 and ISO 9001. We welcome our customers to conduct an on-site supplier audit with the knowledge that our systems have satisfied the most demanding requirements of medical device manufacturers worldwide. We are dedicated to exceeding your expectations.

Clean Room Manufacturing

Most Nordson MEDICAL products are manufactured and packaged in an environment that meets the requirements of ISO 14644-1 Class 8 (Class 100,000) standards. We utilize both manual and automated assembly processes tailored to manufacture the highest quality components, biomaterial delivery systems, and catheter solutions.

Assembly and Finishing Capabilities

Utilizing hypotube bending, ultrasonic welding and polymer solution casting, Nordson MEDICAL's quality products are sophisticated and reliable. We have a solid reputation in today's medical device and biotech markets with pressure and leak testing. We also offer manual, semi-automatic, and fully automatic finished good assembly.

Design, Engineering and R&D

Nordson MEDICAL's staff of product development professionals uses the most modern equipment to design the best products available anywhere. Whether your need is for new products or custom solutions, our focus on healthcare OEMs means we understand your needs and don't need to be coached to your industry requirements. Designs incorporating human factors, finite element analysis, DFMA, rapid prototyping and concurrent engineering are just some of the tools used to bring you the components you require, when you want them.

Manufacturing Consistency

Nordson MEDICAL is equipped with multiple injection molding machines including plastic injection molding and over molding including 2-shot and insert molding. Our all-electric injection molding presses are chosen for shot-to-shot consistency and outfitted with the most up-to-date process monitoring software available. Each operator is responsible for product quality at the press and has every tool at their disposal. All molding, secondary operations and packaging take place in a controlled environment to assure component readiness for your production floor.

Rapid Prototyping

Nordson MEDICAL's engineering department is a leader in the industry. Using rapid prototyping and an in-house, high performance 3D printer, we can utilize multiple resins to provide certain material properties to components. We can execute highly representative prototypes and build a mold in two days, allowing us to deliver solutions with testable parts in a short time.

We use a system to verify potential product performance to expedite quality product design and development. The use of several tooling technologies allows us to incorporate innovative materials and processes to provide plastic components in a fraction of the time it may take to utilize metals.

We also execute detailed processes for evaluating application requirements to ensure the design focuses on ease of use, cost efficiency, design manufacturability, and top notch performance.

Regulatory Management

Nordson MEDICAL strives to provide our customers with the most up-to-date technical information, directly from the resin manufacturer, on the resins we use. We maintain a comprehensive list of all material and regulatory information, enabling you to select the most appropriate products for your particular application. Information we provide includes:

- Regulatory data
- Material data
- MSDS
- Typical resin properties
- Sterilization stability information
- Chemical resistance information

Visit www.nordsonmedical.com for technical information.

Custom Packaging and Labeling

Nordson MEDICAL has the ability to provide custom packaging, labeling and private branding to meet your needs, including:

- Trays
- Artwork
- IFUs
- Customized product labels
- Orders made to your specifications
- Unique packaging Information

Customer Satisfaction

As with all of our medical parts, each bag comes with a product certification and traceable lot number. Our parts are manufactured and bagged in a clean room environment to accelerate your own usage.

At Nordson MEDICAL, we are dedicated to exceeding your expectations. As such, it is important to us that when you place an order you know exactly what to expect, when to expect it and that we will do everything we can to ensure that you receive components made to the required specifications.

Nordson MEDICAL implements and regulates an internal customer support system. Our goal is to provide you exceptional service and quality solutions. We track all support issues in order to meet ISO requirements, enhance customer satisfaction, and to continuously improve our initiatives.

When a support issue concerns one of our products, we begin an immediate investigation of our available stock and quarantine any suspected parts. We then complete all required formal corrective actions and inform the customer when the issue is resolved.

To contact customer service, please call us at (888) 404-5837 or (970) 267-5200.

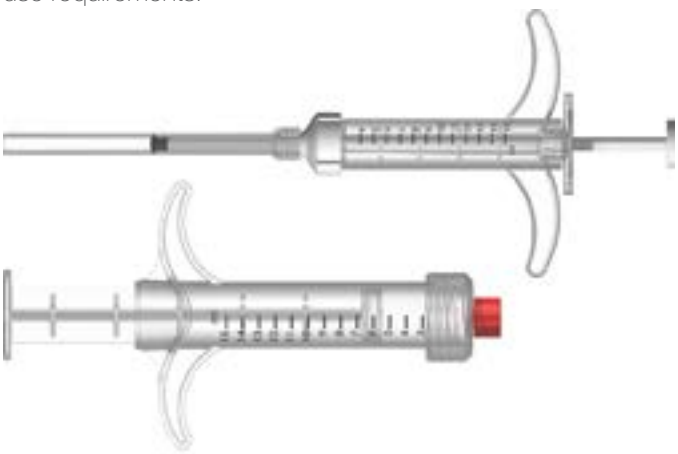
Contact Us

Visit us at www.nordsonmedical.com for all your low pressure fluid management needs.

OsteoPrecision™ and OsteoXpress™ Graft Delivery Devices

Nordson MEDICAL's graft delivery devices are designed to deliver allograft, autograft or synthetic bone graft materials to an orthopedic surgical site.

In addition, they are designed to facilitate the premixing of bone graft materials with fluids such as IV fluids, blood, plasma, platelet rich plasma, bone marrow or other specified blood components as deemed necessary by the clinical use requirements.



FibriJet® Biomaterial Applicators and Tips

The FibriJet line of biomaterial applicators and tips is the "gold standard" featuring proven designs of single use applicators and tips for the dispensing of single and multi-component biomaterial. Our biomaterial delivery systems offer modularity and flexibility to meet the needs of many surgical procedures.

FibriJet biomaterial applicators and tips are used to accurately control and dispense biomaterials such as tissue sealants, hemostats, and concentrated plasma gel to control bleeding, heal wounds, and other related medical procedures. Single and dual syringe applicators and an extensive line of interchangeable tips meet the particular needs of specific surgical procedures. FibriJet products dispense a single material or simultaneously dispense two materials to a localized treatment site with simple, one-handed operation.

Polymer Solution Casting™

The Avalon product line includes cannulae, wire-reinforced catheters and specialized medical tubing. Avalon's polymer solution casting™ technology provides the ability to add multiple components, varying wall thickness or diameter along the length of a medical device. Customized medical tubing options include single to multi-lumens, coil, braid or hypotube reinforcements, bump tubing, imaging targets, custom atraumatic, tapered and reinforced tips, holes or ports, and lubricious surfaces available in a single piece construction. Avalon offers secondary operations (pad printing, tipping, skiving, hole punching, forming, bonding, custom branding, packaging and labeling) and sub-assembly to finished device services.

Polymer solution casting methods allow us to incorporate materials with different properties including strength, lubricity, flexibility, color and multi-lumens - to customize tubing for any application.

Avalon has a full team of engineers that create uncompromising, cost-effective medical devices. Our engineering expertise includes development, manufacturing, quality and material science.

We Have Moved

We are very proud and excited to have built a new manufacturing facility on a 116 acre site in Loveland, Colorado to meet growing demand in medical end markets for its Value Plastics brand of engineered, single-use plastic-molded fluid management components and to provide flexibility and capacity for continued long term growth.

The state-of-the-art, 115,000 square foot facility is located seven miles away from our previous Fort Collins facility and is self-contained from in-house product design through tooling, manufacturing, assembly and packaging. Customer support, sales and marketing resources support the world from this single facility.

If you have any questions about our location change or the Validation Master Plan, please contact your Nordson Medical account manager or customer service at (888) 404-5837.

Nordson MEDICAL
805 West 71st Street
Loveland, CO 80538

Loveland, Colorado Facility

- 115,000 square foot facility
- Clean room molding and packaging
- ISO 13485 and ISO 9001 certified
- Highly automated facility
- NPD and design services
- R&D/testing lab
- FDA registered

Eagan, Minnesota Facility

Our biomaterial delivery technology center is located in Eagan, Minnesota, just outside of St. Paul.

Guaymas, Mexico and Rancho Dominguez, California Facilities

Avalon currently operates two FDA-registered and ISO 13485 certified facilities in California and Mexico.

- FDA registered
- ISO 13485 certified
- Manufacturing of complex products

ISO 80369 Compliant Connectors

Nordson MEDICAL now offers compliant connectors for the new ISO 80369-3 standards for enteral and gastric small bore connectors as well as the ISO 80369-5 limb cuff inflation standards for blood pressure cuffs. **PG-12**

Nordson MEDICAL's Quick Connect Line is Incredible

Incredibly broad - We have over 170 quick connect configurations, arguably the most extensive line of quick connect couplers developed exclusively for the medical market. **Incredibly versatile** - Our quick connector series now offer a full range of fluid path diameters from 1/8" to 1/2" in push-to-connect, quarter-turn, thumb latch, and side-latch connections. Also, the available pressure range is staggering, with a variety of sealing surfaces to choose from. The connectors also offer resin choices that afford multiple sterilization options, MRI compatibility, animal-free options, as well as bioburden, cytotoxicity, and extractable testing data available upon request. **PG-16**

PQC Series Small Bore Quick Connects

PQC Series products are produced in acetal and polypropylene in four configurations – threaded, inline straight, elbows and panel mounts. These quick connectors bring performance and convenience to your tubing applications. Offered in small tubing sizes to fit 1/8" (3.2 mm) and 1/4" (6.4 mm) ID tubing, the 3200 Series triple barb style works well with semi-rigid tubing. **PG-17**

High Flow Check Valve

Featuring a flowrate ≥ 3,000 ml/min with water at a pressure of 1 bar, our high flow check valve fits 8.8 O.D. tubing sizes and has a back pressure of 1 bar/14.5 psig. The check valve is designed for flushing and irrigation applications and for use with certain insufflation tubing sets used in minimally invasive surgeries. **PG-31**

FC Series Stopcocks

Nordson MEDICAL's stopcocks are designed to easily control the flow of a liquid or gas through the use of an on/off diverter, and are available in three basic configurations – 1-way, 3-way, and 4-way. These chemically resistant stopcocks are available as standard or high flow and are offered in polycarbonate, PEI and nylon with HDPE diverters. **PG-36**

RENOLIT SOLMED Granuflex 4301 Resin

Nordson MEDICAL is now offering our popular bag ports made with RENOLIT SOLMED Granuflex 4301 resin. These products demonstrate lower leachable levels and high purity. **PG-39**

PharmaLok™ Clamps

Nordson MEDICAL's line of PharmaLok™ clamps feature a state-of-the-art design that simplifies the assembly process by making it effortless to securely attach sanitary fittings to bag ports and filters. All PharmaLok™ clamps are ASME BPE compliant and operate at a maximum pressure of 80 psi. Single-use and easy-open clamp sizes include .5" to .75" and 1" to 1.5", and the tube clamp supports tubing sizes from .5" to 1.25". The tube clamp is also designed for use with silicone and TPE tubing. **PG-45**

RQX Series Quick Connects

RQX Series quick connects feature unsurpassed ergonomics with a large locking button for easier handling and connection as well as a single barb open flow design. Available in widely used polypropylene and polycarbonate materials, these connectors are compatible with industry standard quick connects to simplify qualification and fit 3/8" and 1/2" tubing sizes. **PG-49**

TBA Series Tuohy Borst Adapters

Tuohy Borst adapters are designed to facilitate catheter introduction and are intended for interventional and diagnostic procedures where fluid backflow is a concern. **PG-56**

Need Samples for Evaluation?

You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.
+1 (970) 267-5200 Toll Free: (888) 404-5837

EUROPE:

We take our customer relationships very seriously by providing competitive pricing, live-body technical support, superior quality parts, and a friendly customer service staff to process your orders in a timely manner.

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What is ISO 80369

Hospitals and other healthcare facilities depend on a variety of catheters, tubing and syringes to deliver medications and other substances to patients through vascular, enteral, respiratory, epidural and intrathecal delivery systems. These delivery systems frequently employ fittings called luer connectors to link various system components. Unfortunately, because luer connectors are ubiquitous, easy-to-use, and compatible between different delivery systems, end users can inadvertently connect the incorrect systems together. These misconnections can cause medication or other fluids to be delivered through the wrong route, resulting in serious patient injuries and even death. In an effort to reduce the occurrence of these misconnections, the FDA is actively participating internationally to develop and implement standards for the non-interconnectability of small bore medical connectors. A joint working group established by the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) leads this effort to develop a series of standards for incompatible connectors. ISO 80369-1 is the first in the series of standards and establishes the applications specified below that will have their own unique connector geometries.

ISO 80369-1

General Requirements

- This standard is already published
- The second edition is currently in ballot
- Comments from this DIS ballot were reviewed partially in March, 2015
- Discussions were held to remove the definition of Small Bore from the standard to prevent it from limiting the connector size
  - The committee agreed to remove the number references
- The committee also discussed the following:
  - Allowing softer materials in sealing surfaces
  - Allowing proprietary connectors to claim compliance to 80369-1
- The standard is expected to be updated to a second edition later in 2016

ISO 80369-2

Respiratory (Breathing Systems)

- The task group now comprises of many global players from the industry
- DIS draft is complete, and the ballot is open
- R1 and R2 designs are changing to address misconnections and dead space
- The standard is expected to release by the end of 2016

ISO 80369-3

Enteral Feeding

- DIS with the proposed connector designs has passed with many favorable votes in the recent ballot
- FDA issued a notification to manufacturers of medical devices with connectors recognizing AAMI's US Provisional Standard for Enteral until the final 80369-3 is published: www.fda.gov
- Efforts to delay the implementation of CA Mandate Bill AB 1847 has passed through multiple steps and is awaiting the Governor's signature. A successful resolution will push the deadline to July, 2016.
- The standard is expected to be released by the end of 2015

ISO 80369-4

Urinary and Urethral

- No updates at this time

i8.nordsonmedical.com

ISO 80369-5

Blood Pressure (Limb Cuff Inflation)

- Connector test protocol and validation tests with respect to interconnectability and functionality are complete
- The standard is expected to publish by the end of 2015

ISO 80369-6

Neuraxial Devices

- Standard work is in ISO, Geneva
- Efforts to delay the implementation of CA Mandate Bill AB 1847 has passed through multiple steps and is awaiting the Governor's signature. A successful resolution will push the deadline to January, 2017.
- The standard is expected to be published by the end of 2015

ISO 80369-7

Intravascular (IV) or Hypodermic

- DIS complete
- Validation testing is underway
- FDIS submission still to happen
- The standard is expected to publish in early 2016

When Will it Come into Effect?

ISO 80369-1 is published and active currently. There are several requirements that can be followed to ensure non-interconnectability with connector sets based on criteria outlined within the standard. Determining the exact time the 80369 sub-standards will come into effect can be a difficult task as they are still under development. Our team is on the front lines in the development of these standards, allowing us great insight to when these standards will be released. We will be updating our website regularly to when these changes will occur as we get more information.

How Does it Impact Me?

Compliance with the ISO 80369 standard may require major changes on the part of medical device manufacturers. In the next few years, if these standards are approved it could mean new designs, new parts, new moldings and updating or replacing millions of components. The 80369 standard series will eventually define connector set geometries for specific applications, meaning new connectors will be needed to replace luers in a multitude of areas. Nordson MEDICAL has taken a very active role in the development of these standards to help reduce the impact of this change on our customers.

How Can I Prepare?

While the standards have not yet been completely established, the main precaution that medical device manufacturers can take to help prevent any future problems is to stay up-to-date on ISO 80369 news. Nordson MEDICAL is one of only a few connector companies worldwide actively participating on ISO 80369 committees. To keep the medical device community apprised of new developments, we have chosen to provide information in one web location. Nordson MEDICAL has set up an online resource to help medical device OEMs stay informed of the changes and updates to this standard.

To read the latest updates, subscribe to alerts, and view related resources, go to Nordson MEDICAL's online resource at i8.nordsonmedical.com.

ISO 80369
Compliant Connectors

ISO 80369-3 (Enteral Feeding) Compliant Connectors
PG-13

ISO 80369-5 (Blood Pressure) Compliant Connectors
PG-13

With the publication of new ISO 80369 standards for small bore connectors, Nordson MEDICAL is well positioned to help you with your tubing connection needs. Our parts are tested and documented to be compliant with this new standard. Because Nordson MEDICAL's Value Plastics product line team has participated on the committees deriving these standards, you can be assured of a full understanding of the testing and compliance requirements.

ISO80369-3
Enteral Feeding

The new ISO 80369-3 standards for enteral and gastric small bore connectors (also called ENFIT connectors) offer a smaller, lightweight, smoother design for more comfort, less snagging, and easier cleaning. Both the male connector (patient side) and female connector (supply side), offer a one-piece tethered cap for easy assembly and use. The standard SKUs cover a wide range of tubing sizes, from 5 French to 10 French, with the easy ability to customize bond-in pocket sizes for your specific tubing requirements. We offer a barbed version for silicone tubing and all of the materials are medical-grade resins to conform with biocompatibility requirements.

Our standard products are manufactured in natural resins without color additives, however we can customize your purchases with purple, orange, or other colors as required with a 10,000 piece minimum order quantity. Our bond-in socket connectors are standard in ABS and our barbed version is an animal-free polypropylene material. These materials are well proven in the medical field to sterilize and clean-up well, and to offer chemical resistance for various foods, lipids, and drugs.

Extension Sets

ISO 80369-3 (ENFIT) compliant extension sets are also available and can be customized to meet your specific needs. We offer a variety of tubing diameter sizes, lengths, and materials, with or without tethered caps. Please contact Nordson MEDICAL to discuss your requirements.

ENTME050 (-8003)
Enteral Male Connector with 5.0 FR Tubing Bond-In Pocket in Natural ABS

3 COMPLIANT

ENTME064 (-8003)
Enteral Male Connector with 6.4 FR Tubing Bond-In Pocket in Natural ABS

3 COMPLIANT

ENTME078 (-8003)
Enteral Male Connector with 7.8 FR Tubing Bond-In Pocket in Natural ABS

3 COMPLIANT

ENTME098 (-8003)
Enteral Male Connector with 9.8 FR Tubing Bond-In Pocket in Natural ABS

3 COMPLIANT

ENTM230 (-6005)
Enteral Male Connector Barb for 1/8" (3.2 mm) ID Tubing in Animal-Free Polypropylene

3 COMPLIANT

ENTFE098 (-8003)
Enteral Female Connector with 10 FR Tubing Bond-In Pocket in Natural ABS

3 COMPLIANT

ISO 80369-3 Accessories:
Tethered caps and plugs are not covered under the ISO 80369-3 standard, but are compatible with our enteral male and female connectors.

ENTFTC (-VP1)
Tethered Cap for Enteral Female Connector in Animal-Free Polyethylene

ENTMTP (-VP1)
Tethered Plug for Enteral Male Connector in Animal-Free Polyethylene

ISO80369-5
Blood Pressure

Nordson MEDICAL continues to offer a wide range of connectors for non-invasive blood pressure (NIBP) monitoring equipment. With the publication of the new ISO 80369-5 limb cuff inflation standard for blood pressure cuffs, many organizations will move towards this new worldwide standard – bayonet-style connectors. The tight dimensional specifications for the compliant connectors will drastically reduce the probability of a misconnection. Nordson MEDICAL has already modified designs for parts to be 100% compliant with the blood pressure male connectors that fit singly or in pairs on blood pressure cuffs.

These industry-standard male connectors work well with the Nordson MEDICAL female blood pressure connectors, Parker/Rectus connectors, and other bayonet-style females, both compliant and non-compliant. And the Nordson MEDICAL single-barb designs offer an excellent secure connection with better tensile pull results and hydrostatic burst testing results than traditional multi-barb designs. The toughness of the DuPont Zytel nylon is well proven, and Nordson MEDICAL has been making these connectors for more than a decade.

ISO 80369-5 COMPLIANT PARTS:
Bayonet Male Cuff Connectors

BPM013 (-1)
Blood Pressure Monitor Bayonet Connector to 500 Series Barb, 80369-5 Compliant, 1/8" (3.2 mm) ID Tubing

5 COMPLIANT

BPM240 (-1)
Blood Pressure Monitor Bayonet Connector to 200 Series Barb, 80369-5 Compliant, 5/32" (4.0 mm) ID Tubing

5 COMPLIANT

BPM025 (-1)
Blood Pressure Monitor Bayonet Connector to 500 Series Barb, 80369-5 Compliant, 5/32" (4.0 mm) ID Tubing

5 COMPLIANT

BPM035 (-1)
Blood Pressure Monitor Bayonet Connector to 500 Series Barb, 80369-5 Compliant, 3/16" (4.8 mm) ID Tubing

5 COMPLIANT

DESIGN
Center

"It would have taken me two to three times as long and two to three times as much money without Nordson MEDICAL. This is who you want to work with. They have become part of our team."

Fitting The World's Most Fluid Designs

How it Works:

1 Define Your Product Requirements:
Describe your application and requirements or provide us with a drawing or simple sketch. From here we can determine what details are needed and can help define the most ideal and cost-effective connector concept for your application.

2 Call the Design Center to Explore Your Connector Options:
There may be a suitable off-the-shelf solution or perhaps we can adapt an existing connector to your application. Often the modification of an existing mold can be significantly faster and less expensive.

3 Collaborate:
Working with your requirements, we can help walk you through the most cost effective solutions to achieve your desired performance. That may mean simply taking 2 or 3 connectors and identifying a low-cost means to roll them into a single connector.

4 Go-to-Market:
As we arrive at a solution together, we closely involve your team in the design and development process to ensure that as we approach production you have everything you need for qualification to get you to market both quickly and safely. The rest is up to you!

What happens when “off-the-shelf” just doesn’t work? The Design Center builds a new shelf!

Your Solution. Faster. For Less.

With project requirements and timelines becoming increasingly demanding, it’s critical to partner with a team who understands fluid management solutions and the rigors of today’s medical device and biotech markets. Team up with the Nordson MEDICAL Design Center for your custom connector needs, whose market leading service, quality and delivery you’ve already come to know.

Here’s What You Can Expect From Our Design Center and the “Specialists in Fluid Connections”:

Save Time – Talk to someone who understands your application requirements. The Design Center works with you to determine the most suitable material and design options to deliver the best performing product as cost-effectively as possible. We also utilize state of the art rapid prototyping techniques and in-house testing facilities to keep your project moving quickly and economically.

Save Money – Start with our existing product offering of over 4,000 fluid connectors, or utilize some of our existing mold configurations toward perfectly customizing a part to your application. Don’t forget, our technical and design assistance is FREE!

Save Trouble – Ensure that everything around your project will be done right the first time. Our dedicated and experienced staff will make sure that the finest details are covered from the time that we review your product requirements to the final product qualification.

The Design Center can also assist you in developing fluid connectors that comply to emerging standards. Nordson MEDICAL is an active member of the ISO 80369 standards group defining new standard connectors for small bore, medical device connections.

Custom Assembly – Our knowledgeable team of engineers offers capabilities to the biotechnical market through custom-made assemblies created in our design center. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.

To get started today contact your Nordson MEDICAL Design Services Manager:
Toll Free - +1 (866) 582-0965
Email - designcenter@nordsonmedical.com
dc.nordsonmedical.com

QUICK CONNECT
Fittings

MQC Series Female Fittings **PG-16**

MQC Series Male Fittings **PG-17**

PQC Series Female Fittings **PG-17**

PQC Series Male Fittings **PG-20**

RQC Series Female Fittings **PG-24**

RQC Series Male Fittings **PG-24**

RQX Series Female Fittings **PG-25**

RQX Series Male Fittings **PG-25**

SBL Series Female Fittings **PG-26**

SBL Series Male Fittings **PG-26**

XQ Series Female Fittings **PG-27**

XQ Series Male Fittings **PG-28**

Our medical quick connect line is incredible -
Nordson MEDICAL's quick connect line offers six distinct families of quick connect fittings (quick disconnect couplings), the MQC, PQC, RQC, RQX, SBL, and XQ Series products, for applications covering 1/8" (3.2 mm) through 1/2" (12.7 mm) ID tubing.

MQC Series
Quick Connects

The MQC Series is an easy to use Push-to-Connect design and arguably one of the most versatile quick connect solutions on the market. With its large, ergonomic buttons and wide selection of colors, both designers and end users will embrace its unique features. The MQC Series of connectors are available in nylon and fit 1/8" (3.2 mm), 5/32" (4.0 mm) and 3/16" (4.8 mm) ID tubing. Between its versatility, one-of-a-kind design, and loud "click" indicating a secure fit, misconnects will be a problem of the past!

MQC SERIES:
Female Open Flow

MQCF230 (-1 -2 -3 -4 -5 -8)
Dual Latch Quick Connect Female 200 Series Barb 1/8" (3.2 mm) Tubing ID

MQCF240 (-1 -2 -3 -4 -5 -8)
Dual Latch Quick Connect Female 200 Series Barb 5/32" (4.0 mm) Tubing ID

MQCF250 (-1 -2 -3 -4 -5 -8)
Dual Latch Quick Connect Female 200 Series Barb 3/16" (4.8 mm) Tubing ID

805 West 71st Street • Loveland, CO 80538 • USA TEL: +1 (970) 267-5200 TOLL FREE in USA: (888) 404-5837 WWW.NORDSONMEDICAL.COM

MQCRM230 (-001 -002 -003 -004 -005 -08B)
Nylon, Buna-N O-Ring
Dual Latch Quick Connect Male 200 Series Barb 1/8" (3.2 mm) Tubing ID

-001 White Nylon
-005 Blue Nylon

MQCRM240 (-001 -002 -003 -004 -005 -08B)
Nylon, Buna-N O-Ring
Dual Latch Quick Connect Male 200 Series Barb 5/32" (4.0 mm) Tubing ID

-001 White Nylon
-005 Blue Nylon

MQCRM250 (-001 -002 -003 -004 -005 -08B)
Nylon, Buna-N O-Ring
Dual Latch Quick Connect Male 200 Series Barb 3/16" (4.8 mm) Tubing ID

-001 White Nylon
-005 Blue Nylon

MQC SERIES:
Male and Female Sets

MQCMF230-901
Bag of 50 Dual Latch Quick Connect Male and Female Sets, 200 Series Barb 1/8" (3.2 mm) Tubing ID, Blue Female and White Male

MQCMF240-901
Bag of 50 Dual Latch Quick Connect Male and Female Sets, 200 Series Barb 5/32" (4.0 mm) Tubing ID, Blue Female and White Male

MQCMF250-901
Bag of 50 Dual Latch Quick Connect Male and Female Sets, 200 Series Barb 3/16" (4.8 mm) Tubing ID, Blue Female and White Male

PQCSeries
Quick Connects

PQC Series products are produced in acetal and polypropylene in four configurations – threaded, inline straight, elbows and panel mounts. These quick connectors bring performance and convenience to your tubing applications. Offered in small tubing sizes to fit 1/8" (3.2 mm) and 1/4" (6.4 mm) ID tubing, the 3200 Series triple barb style works well with semi-rigid tubing.

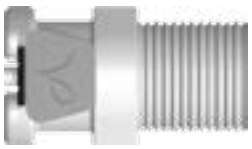
PQC SERIES:
Female Open Flow Threaded

PQCF18-AC-001
Female Open Flow Connector, 1/8-27 NPT Thread, Natural Acetal

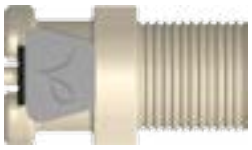
PQCF18-PP-001
Female Open Flow Connector, 1/8-27 NPT Thread, Almond Polypropylene

PQCF18-PP-002
Female Open Flow Connector, 1/8-27 NPT Thread, Grey Polypropylene

PQCF14-AC-001
Female Open Flow Connector, 1/4-18 NPT Thread, Natural Acetal



PQCF14-PP-001
Female Open Flow Connector, 1/4-18 NPT Thread, Almond Polypropylene



PQCF14-PP-002
Female Open Flow Connector, 1/4-18 NPT Thread, Grey Polypropylene

PQC SERIES:
Female Valved Threaded

PQCVF18-AC-001
Female Valved Connector, 1/8-27 NPT Thread, Natural Acetal, Buna-N O-Ring

PQCVF18-PP-001
Female Valved Connector, 1/8-27 NPT Thread, Almond Polypropylene, EPDM O-Ring

PQCVF18-PP-002
Female Valved Connector, 1/8-27 NPT Thread, Grey Polypropylene, EPDM O-Ring

PQCVF14-AC-001
Female Valved Connector, 1/4-18 NPT Thread, Natural Acetal, Buna-N O-Ring

PQCVF14-PP-001
Female Valved Connector, 1/4-18 NPT Thread, Almond Polypropylene, EPDM O-Ring

PQCVF14-PP-002
Female Valved Connector, 1/4-18 NPT Thread, Grey Polypropylene, EPDM O-Ring

PQC SERIES:
Female Open Flow Inline Straight (Barbed)

PQCF3230-AC-001
Female Open Flow Connector, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Natural Acetal

PQCF3230-PP-001
Female Open Flow Connector, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Almond Polypropylene

PQCF3230-PP-002
Female Open Flow Connector, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Grey Polypropylene

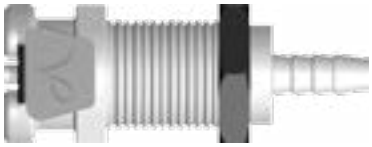
PQCF3260-AC-001
Female Open Flow Connector, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Natural Acetal

PQCF3260-PP-001
Female Open Flow Connector, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Almond Polypropylene

PQCF3260-PP-002
Female Open Flow Connector, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Grey Polypropylene

PQCVF3230-AC-001
Female Valved Connector, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Natural Acetal, Buna-N O-Ring

PQCBF3230-AC-001
Female Open Flow Panel Mount Connector with 1/2-24 UNS thread, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Natural Acetal, Ni-Plated Brass Hex Nut



PQCVF3230-PP-001
Female Valved Connector, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Almond Polypropylene, EPDM O-Ring

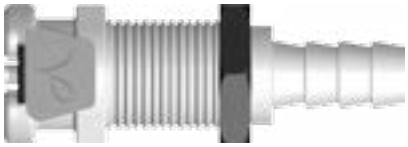
PQCBF3230-PP-001
Female Open Flow Panel Mount Connector with 1/2-24 UNS thread, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Almond Polypropylene, Ni-Plated Brass Hex Nut

PQCVF3230-PP-002
Female Valved Connector, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Grey Polypropylene, EPDM O-Ring

PQCBF3230-PP-002
Female Open Flow Panel Mount Connector with 1/2-24 UNS thread, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Grey Polypropylene, Ni-Plated Brass Hex Nut

PQCVF3260-AC-001
Female Valved, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Natural Acetal, Buna-N O-Ring

PQCBF3260-AC-001
Female Open Flow Panel Mount Connector with 1/2-24UNS thread, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Natural Acetal, Ni-Plated Brass Hex Nut



PQCVF3260-PP-001
Female Valved Connector, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Almond Polypropylene, EPDM O-Ring

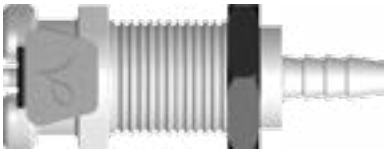
PQCBF3260-PP-001
Female Open Flow Panel Mount Connector with 1/2-24 UNS thread, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Almond Polypropylene, Ni-Plated Brass Hex Nut

PQCVF3260-PP-002
Female Valved Connector, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Grey Polypropylene, EPDM O-Ring

PQCBF3260-PP-002
Female Open Flow Panel Mount Connector with 1/2-24 UNS thread, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Grey Polypropylene, Ni-Plated Brass Hex Nut

PQC SERIES:
Female Valved Panel Mount (Barbed)

PQCVBF3230-AC-001
Female Valved Panel Mount Connector with 1/2-24 UNS Thread, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Natural Acetal, Buna-N O-Ring, Ni-Plated Brass Hex Nut



PQCVBF3230-PP-001
Female Valved Panel Mount Connector with 1/2-24 UNS Thread, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Almond Polypropylene, EPDM O-Ring, Ni-Plated Brass Hex Nut

PQCVBF3230-PP-002
Female Valved Panel Mount Connector with 1/2-24 UNS Thread, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Grey Polypropylene, EPDM O-Ring, Ni-Plated Brass Hex Nut

PQCVBF3260-AC-001
Female Valved Panel Mount Connector with 1/2-24 UNS Thread, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Natural Acetal, Buna-N O-Ring, Ni-Plated Brass Hex Nut

PQCVBF3260-PP-001
Female Valved Panel Mount Connector with 1/2-24 UNS Thread, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Almond Polypropylene, EPDM O-Ring, Ni-Plated Brass Hex Nut

PQCVBF3260-PP-002
Female Valved Panel Mount Connector with 1/2-24 UNS Thread, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Grey Polypropylene, EPDM O-Ring, Ni-Plated Brass Hex Nut

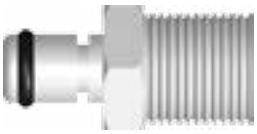
PQC SERIES:
Male Open Flow Threaded

PQCM18-AC-001
Male Open Flow Connector, 1/8-27 NPT Thread, Natural Acetal, Buna-N O-Ring

PQCM18-PP-001
Male Open Flow Connector, 1/8-27 NPT Thread, Almond Polypropylene, EPDM O-Ring

PQCM18-PP-002
Male Open Flow Connector, 1/8-27 NPT Thread, Grey Polypropylene, EPDM O-Ring

PQCM14-AC-001
Male Open Flow Connector, 1/4-18 NPT Thread, Natural Acetal, Buna-N O-Ring



Custom Assembly

We produce standard components to fit your current assemblies and devices, but we also provide custom solutions by applying a variety of assembly options, such as joining fittings, connectors, filters, and other components to tubing. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.

PQCVM18-AC-001
Male Valved Connector, 1/8-27 NPT Thread, Natural Acetal, Buna-N O-Ring

PQCVM18-PP-001
Male Valved Connector, 1/8-27 NPT Thread, Almond Polypropylene, EPDM O-Ring

PQCVM18-PP-002
Male Valved Connector, 1/8-27 NPT Thread, Grey Polypropylene, EPDM O-Ring

PQCVM14-AC-001
Male Valved Connector, 1/4-18 NPT Thread, Natural Acetal, Buna-N O-Ring

PQCM3230-AC-001
Male Open Flow Connector, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Natural Acetal, Buna-N O-Ring

PQCM3230-PP-001
Male Open Flow Connector, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Almond Polypropylene, EPDM O-Ring

PQCM3230-PP-002
Male Open Flow Connector, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Grey Polypropylene, EPDM O-Ring

PQCM3260-AC-001
Male Open Flow Connector, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Natural Acetal, Buna-N O-Ring

PQCM3260-PP-001
Male Open Flow Connector, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Almond Polypropylene, EPDM O-Ring

PQCM3260-PP-002
Male Open Flow Connector, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Grey Polypropylene, EPDM O-Ring

Need Samples for Evaluation?

You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.
+1 (970) 267-5200 Toll Free: (888) 404-5837

Need More Details?

Check out the MQC, PQC, RQ, SBL, and XQ Datasheets at **www.nordsonmedical.com** or contact Sales at **sales@nordsonmedical.com.**

PQC SERIES:
Male Valved Inline Straight (Barbed)

PQCVM3230-AC-001
Male Valved Connector, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Natural Acetal, Buna-N O-Ring

PQCVM3230-PP-001
Male Valved Connector, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Almond Polypropylene, EPDM O-Ring

PQCVM3230-PP-002
Male Valved Connector, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Grey Polypropylene, EPDM O-Ring

PQCVM3260-AC-001
Male Valved Connector, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Natural Acetal, Buna-N O-Ring

PQCVM3260-PP-001
Male Valved Connector, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Almond Polypropylene, EPDM O-Ring

PQCVM3260-PP-002
Male Valved Connector, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Grey Polypropylene, EPDM O-Ring

PQC SERIES:
Male Open Flow Elbow (Barbed)

PQCLM3230-AC-001
Male Open Flow Elbow Connector, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Natural Acetal, Buna-N O-Ring

PQCLM3230-PP-001
Male Open Flow Elbow Connector, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Almond Polypropylene, EPDM O-Ring

PQCLM3230-PP-002
Male Open Flow Elbow Connector, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Grey Polypropylene, EPDM O-Ring

PQCLM3260-AC-001
Male Open Flow Elbow Connector, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Natural Acetal, Buna-N O-Ring

PQCLM3260-PP-001
Male Open Flow Elbow Connector, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Almond Polypropylene, EPDM O-Ring

PQCLM3260-PP-002
Male Open Flow Elbow Connector, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Grey Polypropylene, EPDM O-Ring

PQC SERIES:
Male Valved Elbow (Barbed)

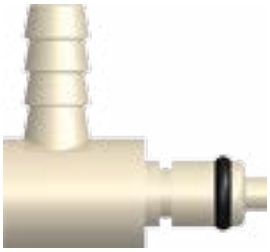
PQCVLM3230-AC-001
Male Valved Elbow Connector, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Natural Acetal, Buna-N O-Ring

PQCVLM3230-PP-001
Male Valved Elbow Connector, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Almond Polypropylene, EPDM O-Ring

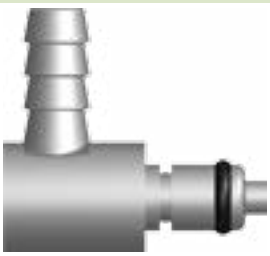
PQCVLM3230-PP-002
Male Valved Elbow Connector, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Grey Polypropylene, EPDM O-Ring

PQCVLM3260-AC-001
Male Valved Elbow Connector, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Natural Acetal, Buna-N O-Ring

PQCVLM3260-PP-001
Male Valved Elbow Connector, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Almond Polypropylene, EPDM O-Ring

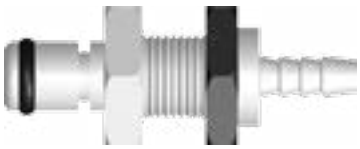


PQCVLM3260-PP-002
Male Valved Elbow Connector, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Grey Polypropylene, EPDM O-Ring

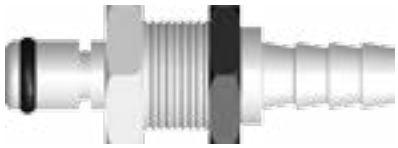


PQC SERIES:
Male Open Flow Panel Mount (Barbed)

PQCBM3230-AC-001
Male Open Flow Panel Mount Connector with 1/2-24 UNS Thread, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Natural Acetal, Buna-N O-Ring, Ni-Plated Brass Hex Nut

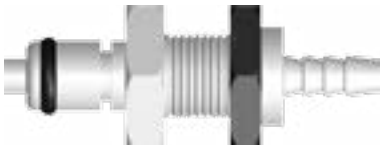


PQCBM3260-AC-001
Male Open Flow Panel Mount Connector with 1/2-24 UNS Thread, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Natural Acetal, Buna-N O-Ring, Ni-Plated Brass Hex Nut

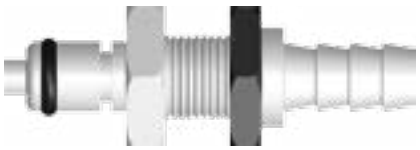


PQC SERIES:
Male Valved Panel Mount (Barbed)

PQCVBM3230-AC-001
Male Valved Panel Mount Connector with 1/2-24 UNS Thread, 3200 Series Barb, 1/8" (3.2 mm) Tubing ID, Natural Acetal, Buna-N O-Ring, Ni-Plated Brass Hex Nut



PQCVBM3260-AC-001
Male Valved Panel Mount Connector with 1/2-24 UNS Thread, 3200 Series Barb, 1/4" (6.4 mm) Tubing ID, Natural Acetal, Buna-N O-Ring, Ni-Plated Brass Hex Nut



Part Drawings Online!

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings.
www.nordsonmedical.com

QUICK CONNECTS

RQSeries
Quick Connects

Nordson MEDICAL has developed a more robust alternative for bioprocessing needs with the RQC Series and RQX Series offering a cost effective solution for flexible tubing connections in single use systems. The connector set is best in fit, form and function, and features a user-friendly interface that includes a large guarded button for a secure lock to guard against disconnects, and lofted lead-in for improved ease of connection. The more reliable locking feature gives you peace of mind knowing your connection is secure.

Features & Benefits:

- Materials meet USP Class VI and ISO 10993 criteria
- Several connector configurations available in commonly used polypropylene and polycarbonate materials
- Large ergonomic button and thumb pad with secure latch and optional integrated locking mechanism
- Platinum-cured silicone o-rings
- Plugs and caps available to maintain fluid path integrity
- Supports cryogenic applications to -60°C

Specifications:

- **Materials:** Polypropylene, Tinted Polycarbonate
- **Sterilization:** Gamma radiation stable, EtO compatible, autoclavable to 121°C for up to 20 minutes
- **Testing:** Bioburden, Cytotoxicity, Extractables
- **RQC Series Tubing Sizes:** 1/4" (6.4 mm) and 3/8" (9.5 mm) tubing IDs
- **RQX Series Tubing Sizes:** 3/8" (9.5 mm) and 1/2" (12.7 mm) tubing IDs

RQC SERIES:
Quick Connects

RQCF655 (-9024 -001)
RQCF655 (-6005 -001)
Female Open Flow, 600 Series Barb, 1/4" (6.4 mm) Tubing ID

RQCFL655 (-9024 -001)
RQCFL655 (-6005 -001)
Female Open Flow, 600 Series Barb, 1/4" (6.4 mm) Tubing ID, Locking Feature

RQCM655 (-9024 -001) Platinum-Cured Silicone O-Ring
RQCM655 (-6005 -001) Platinum-Cured Silicone O-Ring
Male Open Flow, 600 Series Barb, 1/4" (6.4 mm) Tubing ID

RQCF670 (-9024 -001)
RQCF670 (-6005 -001)
Female Open Flow, 600 Series Barb, 3/8" (9.5 mm) Tubing ID

RQCFL670 (-9024 -001)
RQCFL670 (-6005 -001)
Female Open Flow, 600 Series Barb, 3/8" (9.5 mm) Tubing ID, Locking Feature

RQCM670 (-9024 -001) Platinum-Cured Silicone O-Ring
RQCM670 (-6005 -001) Platinum-Cured Silicone O-Ring
Male Open Flow, 600 Series Barb, 3/8" (9.5 mm) Tubing ID

RQCFC (-9024 -001)
RQCFC (-6005 -001)
Female Cap

RQCFLC (-9024 -001)
RQCFLC (-6005 -001)
Female Cap, Locking Feature

RQCMP (-9024 -001) Platinum-Cured Silicone O-Ring
RQCMP (-6005 -001) Platinum-Cured Silicone O-Ring
Male Plug

RQXF670 (-9024 -001)
RQXF670 (-6005 -001)
Female Open Flow, 600 Series Barb, 3/8" (9.5 mm) Tubing ID

RQXF680 (-9024 -001)
RQXF680 (-6005 -001)
Female Open Flow, 600 Series Barb, 1/2" (12.7 mm) Tubing ID

RQXFL670 (-9024 -001)
RQXFL670 (-6005 -001)
Female Open Flow, 600 Series Barb, 3/8" (9.5 mm) Tubing ID, Locking Feature

RQXFL680 (-9024 -001)
RQXFL680 (-6005 -001)
Female Open Flow, 600 Series Barb, 1/2" (12.7 mm) Tubing ID, Locking Feature

RQXM670 (-9024 -001) Platinum-Cured Silicone O-Ring
RQXM670 (-6005 -001) Platinum-Cured Silicone O-Ring
Male Open Flow, 600 Series Barb, 3/8" (9.5 mm) Tubing ID

RQXM680 (-9024 -001) Platinum-Cured Silicone O-Ring
RQXM680 (-6005 -001) Platinum-Cured Silicone O-Ring
Male Open Flow, 600 Series Barb, 1/2" (12.7 mm) Tubing ID

RQXFC (-9024 -001)
RQXFC (-6005 -001)
Female Cap

RQXFLC (-9024 -001)
RQXFLC (-6005 -001)
Female Cap, Locking Feature

RQXMP (-9024 -001) Platinum-Cured Silicone O-Ring
RQXMP (-6005 -001) Platinum-Cured Silicone O-Ring
Male Plug

Need Samples for Evaluation?

You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.
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SBLSeries

Quick Connects

QUICK CONNECTS

The SBL Series connector system is so intuitive that users just automatically know how to operate it the minute they pick it up. SBL Series quick connect fittings are cost effective and designed to meet your needs for a reusable component for small-bore applications in all fluid delivery areas. The SBL Series range is available in nylon, in two contrasting colors and fits 1/8" (3.2 mm) and 3/16" (4.8 mm) ID tubing for in-line applications.

SBL SERIES:
Female Open Flow

SBLF013 (-1 -2 -8B -CM030)
Side Latch Quick Connect Female 500 Series Barb, 1/8" (3.2 mm) Tubing ID

SBLF035 (-1 -2 -8B -CM030)
Side Latch Quick Connect Female 500 Series Barb, 3/16" (4.8 mm) Tubing ID

SBL SERIES:
Male Open Flow

SBLM013 (-001 -002 -004 -005) Nylon, Buna-N O-Ring
Side Latch Quick Connect Male 500 Series Barb, 1/8" (3.2 mm) Tubing ID

-001 Gray Nylon
-002 Blue Nylon

SBLM035 (-001 -002 -004 -005) Nylon, Buna-N O-Ring
Side Latch Quick Connect Male 500 Series Barb, 3/16" (4.8 mm) Tubing ID

-001 Gray Nylon
-002 Blue Nylon

SBLMFGB013 (-001)
Bag of 50 Side Latch Quick Connect Male and Female Sets, 500 Series Barb 1/8" (3.2 mm) Tubing ID, Grey Male and Blue Female Nylon

SBLMFBG013 (-002)
Bag of 50 Side Latch Quick Connect Male and Female Sets, 500 Series Barb 1/8" (3.2 mm) Tubing ID, Blue Male and Grey Female Nylon

SBLMFGB035 (-003)
Bag of 50 Side Latch Quick Connect Male and Female Sets, 500 Series Barb 3/16" (4.8 mm) Tubing ID, Grey Male and Blue Female Nylon

SBLMFBG035 (-004)
Bag of 50 Side Latch Quick Connect Male and Female Sets, 500 Series Barb 3/16" (4.8 mm) Tubing ID, Blue Male and Grey Female Nylon

Need it Fast?

You can order any of our 4,000+ parts online now with no order $ minimums, 24 hours a day, 7 days a week!
www.nordsonmedical.com

XQ Series
Quick Connects

The XQ Series fittings, available in open flow and with integral shutoff valves, bring performance, convenience and utility to your tubing applications. XQ Series products fit 1/4" (6.4 mm), 5/16" (7.9 mm) and 3/8" ID (9.5 mm) tubing and are produced in acetal and polypropylene in five basic configurations – in-line male, in-line female, male panel mount, female panel mount and elbow. For versatility, durable XQ Series couplings interchange with other plastic and metal button-type couplings. Bring performance and service to your tubing applications by specifying XQ Series quick connects.

XQ SERIES:
Female Open Flow Straight

XQSF755 (-1006)
XQ Series Female Open Flow Connector, 700 Series Barb, 1/4" (6.4 mm) Tubing ID

XQSF770 (-1006 -1007)
XQ Series Female Open Flow Connector, 700 Series Barb, 3/8" (9.5 mm) Tubing ID

XQ SERIES:
Female Valved Straight

XQSVF755 (-1006-B -1007-B -6006-EP)
XQ Series Female Valved Connector, 700 Series Barb, 1/4" (6.4 mm) Tubing ID

XQSVF765 (-1006-B -1007-B)
XQ Series Female Valved Connector, 700 Series Barb, 5/16" (8.0 mm) Tubing ID

XQSVF770 (-1006-B -1007-B -6006-EP)
XQ Series Female Valved Connector, 700 Series Barb, 3/8" (9.5 mm) Tubing ID

XQ SERIES:
Female Open Flow Panel Mount

XQSBF755 (-1006)
XQ Series Female Open Flow Panel Mount Connector with 11/16-24 UNEF Thread, 700 Series Barb, 1/4" (6.4 mm) Tubing ID, Nickel-Plated Brass Hex Nut (included)

XQSBF770 (-1006)
XQ Series Female Open Flow Panel Mount Connector with 11/16-24 UNEF Thread, 700 Series Barb, 3/8" (9.5 mm) Tubing ID, Nickel-Plated Brass Hex Nut (included)

Did You Know?

Nordson MEDICAL has an interactive PDF available online at **www.nordsonmedical.com**. Access part drawings, reference charts, data sheets, and more from just one location!

XQ SERIES:
Female Valved Panel Mount

XQSVBF755 (-1006-B)
XQ Series Female Valved Panel Mount Connector with 11/16-24 UNEF Thread, 700 Series Barb, 1/4" (6.4 mm) Tubing ID, Nickel-Plated Brass Hex Nut (included)

XQSVBF770 (-1006-B)
XQ Series Female Valved Panel Mount Connector with 11/16-24 UNEF Thread, 700 Series Barb, 3/8" (9.5 mm) Tubing ID, Nickel-Plated Brass Hex Nut (included)

XQ SERIES:
Male Open Flow Straight

XQCM755 (-1006-B)
XQ Series Male Open Flow Connector, 700 Series Barb, 1/4" (6.4 mm) Tubing ID

XQCM770 (-1006-B)
XQ Series Male Open Flow Connector, 700 Series Barb, 3/8" (9.5 mm) Tubing ID

Need More Details?

Check out the Design Center Datasheet at **www.nordsonmedical.com** or contact Sales at **sales@nordsonmedical.com**.

XQ SERIES:
Male Valved Straight

XQCVM755 (-1006-B -6006-EP)
XQ Series Male Valved Connector, 700 Series Barb, 1/4" (6.4 mm) Tubing ID

XQCVM765 (-1006-B -1007-B)
XQ Series Male Valved Connector, 700 Series Barb, 5/16" (7.9 mm) Tubing ID

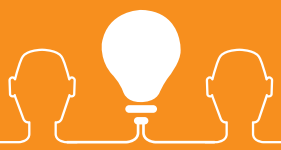
XQCVM770 (-1006-B -1007-B -6006-EP)
XQ Series Male Valved Connector, 700 Series Barb, 3/8" (9.5 mm) Tubing ID

Looking for Something Different?

Most of our best product ideas have come from you, our customers. While we pride ourselves on our extensive product offering, we recognize that your needs are ever-changing and that our products, too, must adapt to your needs.

If there's a new product you think Nordson MEDICAL should make, please send us an Email at **designcenter@nordsonmedical.com** describing your product concept in as much detail as you desire. We will contact you with any questions, and who knows - the next catalog edition could include products YOU told us to build.

See page 14 for more information on the Design Center!



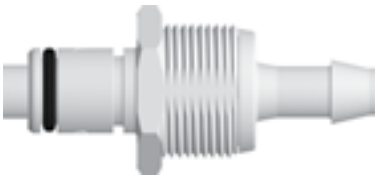
XQ SERIES:
Male Open Flow Panel Mount

XQCBM755 (-1006-B)
XQ Series Male Open Flow Panel Mount Connector with 11/16-24 UNEF Thread, 700 Series Barb, 1/4" (6.4 mm) Tubing ID, Nickel-Plated Brass Hex Nut (included)

XQCBM770 (-1006-B)
XQ Series Male Open Flow Panel Mount Connector with 11/16-24 UNEF Thread, 700 Series Barb, 3/8" (9.5 mm) Tubing ID, Nickel-Plated Brass Hex Nut (included)

XQ SERIES:
Male Valved Panel Mount

XQCVBM755 (-1006-B)
XQ Series Male Valved Panel Mount Connector with 11/16-24 UNEF Thread, 700 Series Barb, 1/4" (6.4 mm) Tubing ID, Nickel-Plated Brass Hex Nut (included)



XQCVBM770 (-1006-B)
XQ Series Male Valved Panel Mount Connector with 11/16-24 UNEF Thread, 700 Series Barb, 3/8" (9.5 mm) Tubing ID, Nickel-Plated Brass Hex Nut (included)

Need Samples for Evaluation?

You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.
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XQ SERIES:
Male Open Flow Elbow

XQCLM755 (-1006-B)
XQ Series Male Open Flow Elbow Connector, 700 Series Barb, 1/4" (6.4 mm) Tubing ID

XQCLM770 (-1006-B)
XQ Series Male Open Flow Elbow Connector, 700 Series Barb, 3/8" (9.5 mm) Tubing ID

XQ SERIES:
Male Valved Elbow

XQCVLM755 (-1006-B)
XQ Series Elbow Male Valved Connector, 700 Series Barbs, 1/4" (6.4 mm) Tubing ID

XQ SERIES:
Panel Mount Nut

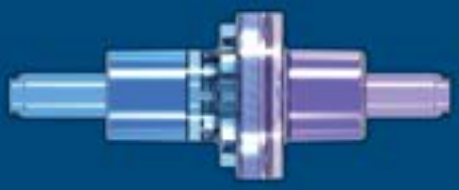
PM4N (Nickel-Plated Brass)
XQ Series 11/16-24 UNEF Panel Mount Nut

CHECK
Valves

Anti-Siphon Check Valves
PG-30

High Flow Check Valve
PG-31

One-Way Check Valves
PG-31



Barbed Check Valves
PG-32

Double Check Valves
PG-33

SCV Series
Check Valves

SCV Series products are available in barbed, anti-siphon or one-way check valve configurations in a variety of materials and end fitments. Barbed check valves reduce the risk of contamination and feature more precise, lower crack pressures and higher flow rates. They are ideal for medical device designers focused on infusion, drainage and irrigation applications. All the valves feature a low priming volume, ease of removing air bubbles during priming and operate in any spatial orientation. All materials of construction satisfy USP Class VI and ISO 10993 criteria.

Features & Benefits:

- Materials meet USP Class VI and ISO 10993 criteria
- DEHP- and latex-free silicone diaphragms
- All products are suitable for EtO or gamma sterilization
- Several connection configurations and materials
- Air bubbles completely removable during priming
- Operate in any spatial orientation
- Normally closed valve positioning for optimum flow control
- Available with the lowest cracking pressure on the market
- Air entrapment readily alleviated during priming

SCV SERIES:
Anti-Siphon Check Valves

SCV06018 (Clear and White MABS w/Silicone Diaphragm)
Check Valve, Socket Fitment for 0.095" (2.4 mm) OD Tubing

Cracking Pressure: ≤ .100 psig
Max. Back Pressure: 116 psig
Flow Rate: ≥ 110 ml/min
Flow Direction: Left to right

SCV06308 (Clear Transparent Polycarbonate and Green Polycarbonate w/Silicone Diaphragm)
Check Valve, Female Locking Luer to Pocket for .098" (2.5 mm) OD Tubing

Cracking Pressure: 2.9 +/- 0.725 psig
Max. Back Pressure: 304.5 psig
Flow Rate with Glucose: ≥ 150 ml/min
Flow Direction: Left to right

SCV06335 (Transparent Polycarbonate and White Polycarbonate w/Silicone Diaphragm)
Check Valve, Female Locking Luer to Pocket for .118" (3.0 mm) OD Tubing

Cracking Pressure: 2.9 +/- 0.725 psig
Max. Back Pressure: 304.5 psig
Flow Rate: ≥ 150 ml/min
Flow Direction: Left to right

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SCV06246 (Clear Transparent MABS and Blue Transparent SAN w/Silicone Diaphragm)
Check Valve, Pocket for .122" (3.1 mm) OD Tubing to Male Locking Luer

Cracking Pressure: 2.9 +/- 0.725 psig
Max. Back Pressure: 304.5 psig
Flow Rate: ≥ 150 ml/min
Flow Direction: Left to right

SCV06248 (Blue SAN and Clear MABS w/Silicone Diaphragm)
Check Valve, Pocket for .161" (4.0 mm) OD Tubing to Male Locking Luer

Cracking Pressure: 2.176-3.626 psig
Max. Back Pressure: 304.579 psig
max 30 sec.
Flow Rate: 170 ml/min
Flow Direction: Left to right

SCV06264 (Clear and Blue MABS w/Silicone Diaphragm)
Check Valve, Pocket for .161" (4.0 mm) OD Tubing to .161" (4.0 mm) OD Tubing

Cracking Pressure: 1.450-4.351 psig
Max. Back Pressure: 304.579 psig
Flow Rate: max 200 ml/min
Flow Direction: Left to right

SCV06272 (Transparent SAN and Blue Transparent MABS w/Silicone Diaphragm)
Check Valve, Pocket for .161" (4.1 mm) OD Tubing to Female Locking Luer

Cracking Pressure: 2.9 +/- 0.725 psig
Max. Back Pressure: 304.5 psig
Flow Rate: ≥ 150 ml/min
Flow Direction: Left to right

SCV06249 (Blue Transparent and Transparent MABS w/Silicone Diaphragm)
Check Valve, Pocket for .165" (4.2 mm) OD Tubing to Male Locking Luer

Cracking Pressure: 2.9 +/- 0.725 psig
Max. Back Pressure: 304.5 psig
Flow Rate: ≥ 150 ml/min
Flow Direction: Left to right

SCV06329 (Clear and Blue SAN w/Silicone Diaphragm)
Check Valve, Female Locking Luer Linden

Cracking Pressure: 1.450-4.351 psig
Max. Back Pressure: 304.579 psig
max 30 sec.
Flow Rate: 200 ml/min
Flow Direction: Left to right

SCV06252 (Clear Transparent SAN and Blue Transparent SAN w/Silicone Diaphragm)
Check Valve, Female Locking Luer to Male Locking Luer

Cracking Pressure: 2.9 +/- 0.725 psig
Max. Back Pressure: 304.5 psig
Flow Rate with Glucose: ≥ 150 ml/min
Flow Direction: Left to right

SCV06352 (Clear MABS w/Silicone Diaphragm)
High Flow Check Valve, Pocket for .346" (8.8 mm negative) OD Tubing to Pocket for .346" (8.8 mm negative) OD Tubing

Cracking Pressure: ≤ .290 psig
Max. Back Pressure: 14.500 psig
Flow Rate: ≥ 1000 ml/min
Flow Direction: Left to right

SCV08053 (White SAN w/Silicone Diaphragm w/Natural LDPE)
Check Valve, Female Locking Luer to Male Locking Luer w/Cap

Cracking Pressure: ≤ .174 psig
Max. Back Pressure: 87.023 psig
Flow Rate: ≥ 90 ml/min
Flow Direction: Left to right

SCV10090 (Clear Polycarbonate w/Silicone Diaphragm)
Check Valve, Female Locking Luer to Pocket for .118" (3.0 mm) OD Tubing

Cracking Pressure: ≤ .174 psig
Max. Back Pressure: 87.023 psig
Flow Rate: ≥ 90 ml/min
Flow Direction: Left to right

SCV17090 (Clear Polycarbonate w/Silicone Diaphragm)
Check Valve, Female Locking Luer to Socket for .118" (3.0 mm) ID x .161" (4.1 mm) OD Tubing

Cracking Pressure: ≤ .174 psig
Max. Back Pressure: 87.023 psig
Flow Rate: ≥ 90 ml/min
Flow Direction: Left to right

SCV21053 (Clear and White MABS w/Silicone Diaphragm)
Check Valve, Socket for .118" (3.0 mm) ID x .161" (4.1 mm) OD Tubing x 2

Cracking Pressure: ≤ .174 psig
Max. Back Pressure: 87.023 psig
Flow Rate: ≥ 90 ml/min
Flow Direction: Left to right

SCV22050 (Clear SAN and Clear MABS w/Silicone Diaphragm)
Check Valve, Socket for .118" (3.0 mm) ID x .161" (4.1 mm) OD to Male Locking Luer

Cracking Pressure: ≤ .174 psig
Max. Back Pressure: 87.023 psig
Flow Rate: ≥ 90 ml/min
Flow Direction: Left to right

SCV06265 (Blue and Clear Polycarbonate w/Silicone Diaphragm)
Check Valve, Autoclavable, Socket for .122" (3.1 mm) ID x .165" (4.2 mm) OD Tubing x 2

Cracking Pressure: ≤ .087 psig
Max. Back Pressure: 87.023 psig
Flow Rate: ≥ 150 ml/min
Flow Direction: Left to right

SCV SERIES:
One-Way Check Valves

SCV23050 (Clear SAN w/Silicone Diaphragm)
Check Valve, Female Locking Luer to Male Locking Luer

Cracking Pressure: ≤ .174 psig
Max. Back Pressure: 87.023 psig
Flow Rate: ≥ 90 ml/min
Flow Direction: Left to right

SCV25052 (Clear MABS and Blue SAN w/Silicone Diaphragm)
Air Pressure Relief Valve, Stem for .157" (4.0 mm) ID Tubing to Stem for .118" (3.0 mm) ID Tubing

Cracking Pressure: ≤ .174 psig
Max. Back Pressure: 87.023 psig
Flow Rate: ≥ 90 ml/min
Flow Direction: Left to right

VPS5401068N (Polycarbonate with Silicone Disk)
Check Valve, Male/Female Luer, 420 mL/min Flow Rate at 1 M Head 30 psi Back Pressure, 1/4 psi Inlet Cracking Pressure

VPS5401020N (Polycarbonate with Silicone Disk)
Check Valve, Male/Female Luer, 129 mL/min Flow Rate at 100 mmHg, 45 psi Back Pressure, 1-5 psi Inlet Cracking Pressure

VPS5401036SN (Polycarbonate with Silicone Disk)
Reflux Check Valve, Male/Female Luer, 350 mL/min Flow Rate at 1 M Head, 45 psi Back Pressure, Opens at 284 mmHg

VPS5401001N (ABS Housing with Silicone Disk)
Check Valve, Male Slip Luer, 420 mL/min Flow Rate at 1M Head, 30 psi Back Pressure, 1/4 psi Inlet Cracking Pressure

SCV SERIES:
Barbed Check Valves

SCV67220 (MABS w/Silicone Diaphragm)
Check Valve, Socket for 3/32" (2.4 mm) x 3/32" (2.4 mm) ID Tubing

Cracking Pressure: ≤ .087 psig
Max. Back Pressure: 116.030 psig
Flow Rate: ≥ 150 ml/min
Flow Direction: Left to right

SCV67220/230 (MABS w/Silicone Diaphragm)
Check Valve, Socket for 3/32" (2.4 mm) x 1/8" (3.2 mm) ID Tubing

Cracking Pressure: ≤ .087 psig
Max. Back Pressure: 116.030 psig
Flow Rate: ≥ 150 ml/min
Flow Direction: Left to right

SCV67FL/220 (SAN and MABS w/Silicone Diaphragm)
Check Valve, Female Locking Luer to Barb for 3/32" (2.4 mm) ID Tubing

Cracking Pressure: ≤ .087 psig
Max. Back Pressure: 116.030 psig
Flow Rate: ≥ 150 ml/min
Flow Direction: Left to right

SCV67220/ML (SAN and MABS w/Silicone Diaphragm)
Check Valve, Socket for 3/32" (2.4 mm) ID Tubing to Male Locking Luer

Cracking Pressure: ≤ .087psig
Max. Back Pressure: 116.030 psig
Flow Rate: ≥ 150 ml/min
Flow Direction: Left to right

SCV67230/220 (MABS w/Silicone Diaphragm)
Check Valve, Socket for 1/8" (3.2 mm) x 3/32" (2.4 mm) ID Tubing

Cracking Pressure: ≤ .087 psig
Max. Back Pressure: 116.030 psig
Flow Rate: ≥ 150 ml/min
Flow Direction: Left to right

SCV67230 (MABS w/Silicone Diaphragm)
Check Valve, Socket for 1/8" (3.2 mm) x 1/8" (3.2 mm) ID Tubing

Cracking Pressure: ≤ .087 psig
Max. Back Pressure: 116.030 psig
Flow Rate: ≥ 150 ml/min
Flow Direction: Left to right

SCV67FL/230 (SAN and MABS w/Silicone Diaphragm)
Check Valve, Female Locking Luer to Barb for 1/8" (3.2 mm) ID Tubing

Cracking Pressure: ≤ .087 psig
Max. Back Pressure: 116.030 psig
Flow Rate: ≥ 150 ml/min
Flow Direction: Left to right

SCV67230/ML (SAN and MABS w/Silicone Diaphragm)
Check Valve, Socket for 1/8" (3.2 mm) ID Tubing to Male Locking Luer

Cracking Pressure: ≤ .087 psig
Max. Back Pressure: 116.030 psig
Flow Rate: ≥ 150 ml/min
Flow Direction: Left to right

DCVSeries
Check Valves

Nordson MEDICAL's unique DCV Series bi-directional double check valve is designed to transfer clean fluid from a supply vessel to a use site. The fluid supply vessel is connected to the valve supply port (chimney) using a luer connection or tubing. The fluid is withdrawn from the supply vessel by a syringe or other device connected to the aspiration port. When the syringe is compressed the fluid is then transferred, through the exit port, to the use site without adulterating the fluid. DCV Series bi-directional valves are produced in polycarbonate resin using a silicone diaphragm, with two available inlet ports connecting to the female luer aspiration and male luer discharge ports.

Features & Benefits:

- Bi-directional double check valve
- No need for disconnection to fill syringe
- Satisfies USP Class VI criteria
- Low cracking pressure
- Clean fluid transfer from supply to site
- High flow rate

DCV114 (-001) Radiation-Stable Polycarbonate
Double Check Valve, Tubing Pocket Chimney Port

Cracking Pressure: 2-5 psi

DCV115 (-001) Radiation-Stable Polycarbonate
Double Check Valve, Tubing Pocket Chimney Port, Rotating Luer Lock Exit Port

Cracking Pressure: 2-5 psi

DCV SERIES:
Double Check Valves, Female Luer Chimney Port

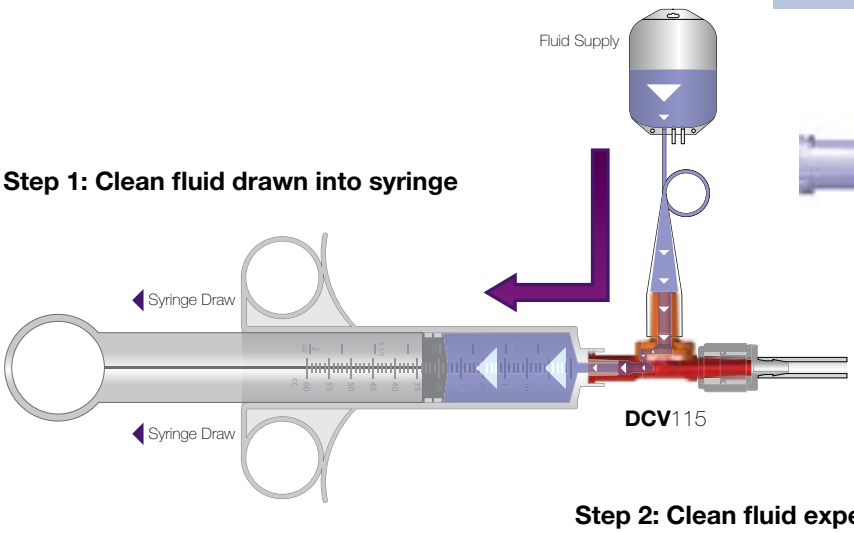
DCV118 (-001) Radiation-Stable Polycarbonate
Double Check Valve, Female Luer Chimney Port

Cracking Pressure: 2-5 psi

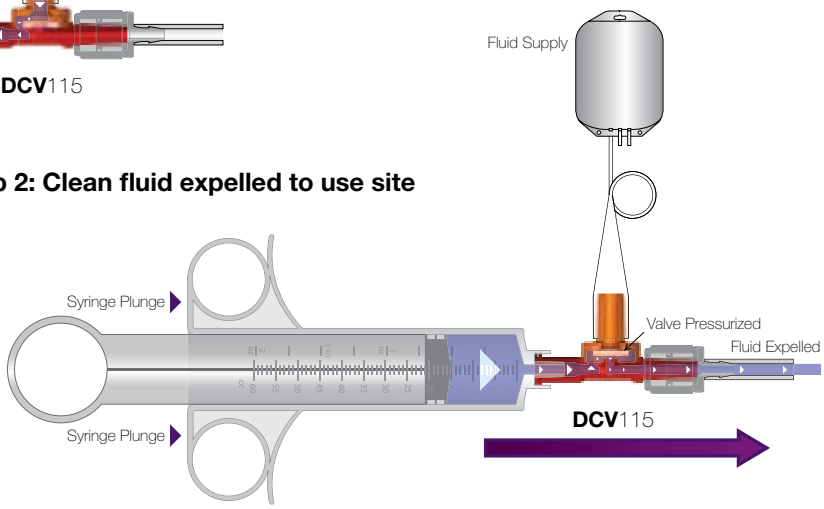
DCV125 (-001) Radiation-Stable Polycarbonate
Double Check Valve, Female Luer Chimney Port, Rotating Luer Lock Exit Port

Cracking Pressure: 2-5 psi

Step 1: Clean fluid drawn into syringe



Step 2: Clean fluid expelled to use site



NEEDLEFREE

Swabable Valves

Swabable Straight Valves
PG-34

Swabable 'Y' Valves
PG-35

Bondable Valve
PG-35

Swabable Bag Valve
PG-35

Swabable Break-Off Valves
PG-35

Tube End Valves
PG-35

13 mm Swabable Vial Cap
PG-35

20 mm Swabable Vial Cap
PG-35

Swabable T-Port Valve
PG-35

4-Way Swabable Stopcock
PG-35

NVSeries

Needlefree Swabable Valves

Nordson MEDICAL now offers cost efficient needlefree swabable valves featuring higher flow rates, low priming volumes, and a straight through design for unobstructed flow. The valves don't require caps, and the septum surface can be easily disinfected. Designed for the injection and aspiration of fluids, particularly for IV applications, cardiology, and catheters, the hermetic septum seal reduces the risk of biofilm formation and contamination. Available in widely used polycarbonate and copolyester materials, these valves are compatible with all industry standard luer syringes and connects, validating them as an efficient component solution for the OEM market.

Features & Benefits:

- Valve stems and bodies securely mate with all standard luer syringes and connectors
- Several configurations that are easy to customize
- Normally closed system to reduce the risk of infection
- Low priming volume and high flow rates
- Straight through design for unobstructed flow
- Gamma radiation stable and EtO compatible
- Not made with natural rubber latex or DEHP

The NV Series products are shipped bulk, non-sterile and are single patient use medical device components requiring further processing (e.g. assembly, packaging, sterilization) before clinical use. The buyer is responsible for determining effects of processing/multiple usage on these components, appropriateness of the component in the final application, and pre/post shelf life.

NVFMLLCP (Copolyester)
Swabable Straight Valve, Female Luer to Male Luer Lock

NVFMLLPC (Polycarbonate)
Swabable Straight Valve, Female Luer to Male Luer Lock

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NVFY36PC (Polycarbonate)
Swabable 'Y' Valve, Female Luer Y Port to 3.6 mm Tube Sockets

NVFY401CP (Copolyester)
Swabable 'Y' Valve, Female Luer Y Port to 4.01 mm Tube Sockets

NVFY401PC (Polycarbonate)
Swabable 'Y' Valve, Female Luer Y Port to 4.01 mm Tube Sockets

NVFMLPC (Polycarbonate)
Bondable Valve, Female Luer to Male Luer Slip

NVFBGPC (Polycarbonate)
Swabable Bag Valve, Female Luer to Bag Access Port

NVFBV60PC (Polycarbonate)
Swabable Break-Off Valve, Female Luer to Break Off 6.0 mm Port

NVFBV66PC (Polycarbonate)
Swabable Break-Off Valve, Female Luer to Break Off 6.6 mm Port

NVF20PC (Polycarbonate)
Tube End Valve, Female Luer to 2.0 mm Tube Socket

NVF25PC (Polycarbonate)
Tube End Valve, Female Luer to 2.5 mm Tube Socket

NVF28PC (Polycarbonate)
Tube End Valve, Female Luer to 2.8 mm Tube Socket

NVF37PC (Polycarbonate)
Tube End Valve, Female Luer to 3.7 mm Tube Socket

NVF41PC (Polycarbonate)
Tube End Valve, Female Luer to 4.1 mm Tube Socket

NVF13VPC (Polycarbonate)
13 mm Swabable Vial Cap, Female Luer to 13 mm Vial Cap

NVF20VPC (Polycarbonate)
20 mm Swabable Vial Cap, Female Luer to 20 mm Vial Cap

NVFTPC (Polycarbonate)
Swabable T-Port Valve, Female Luer T Port to 4.1 mm Tube Sockets

NVFSCMLLPC (Polycarbonate)
4-Way Lever Swabable Stopcock, Female Luer Stopcock to Male Luer Lock

STOPCOCK
FITTINGS

1-Way Stopcocks
PG-36

3-Way Stopcocks
PG-37

4-Way Stopcocks
PG-37

FCSeries
Stopcocks

FC Series stopcocks are designed to easily control the flow of a liquid or gas through the use of an on/off diverter, and are available in three basic configurations – 1-way, 3-way, and 4-way. These chemically resistant stopcocks bring efficiency, convenience, and practicality to your tubing applications and are 510(k) cleared.

Features & Benefits:

- 1-way, 3-way, and 4-way configurations
- Chemically resistant
- 510(k) cleared
- Not made with DEHP
- Diverter arrows provide a clear indication of flow
- Custom solutions available, including manifolds, ganged manifolds, and tubing assemblies
- Standard flow and high flow options
- Polycarbonate, PEI, nylon, and HDPE materials

FC SERIES:
1-Way Stopcocks

FCA021 (-001)
1-Way, Female Luer to Threaded Post, High Pressure

FCFM (-001)
1-Way, Female Luer to Male Luer

FCFMR (-001)
1-Way, Female Luer to Male Luer with Luer Lock Ring

VPB1000050N (Polycarbonate Body with Polyethylene Handle)
One Way Stopcock, Capped Male Luer Lock to Capped Female Luer Thread Style

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FC SERIES:
1-Way Stopcocks

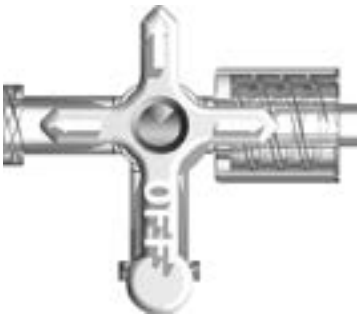
VPB1000055N (Polycarbonate Body with Polyethylene Handle)
One way Stopcock, Male Slip Luer to Capped Female Luer Thread Style

FC SERIES:
3-Way Stopcocks

FCFFM (-010)
3-Way, Female Luer to Female Luer to Male Luer

FCFFMR (-003)
3-Way, Female Luer to Female Luer to Male Luer with Luer Lock Ring

FCHPFFMR (-001)
3-Way, Female Luer to Female Luer to Male Luer with Luer Lock Ring, High Pressure



FCLBFFM (-001, -003)
3-Way, Female Luer to Female Luer to Male Luer, Large Bore

FCLBFFM-1A (-003)
3-Way, Female Luer to Female Luer to Male Luer, Large Bore, Radiation Stable

FC SERIES:
3-Way Stopcocks

FCLBFFMR-1A (-003)
3-Way, Female Luer to Female Luer to Male Luer with Luer Lock Ring, Large Bore

VPB1000079N (Polycarbonate Body with Polyethylene Handle)
Three Way Stopcock, (2) Capped Female Luer Thread Style and Capped Male Luer Lock

VPB1000062N (Polycarbonate Body with Polyethylene Handle)
Three Way Stopcock, (2) Female Luer Thread Style and Male Slip Luer

FC SERIES:
4-Way Stopcocks

VPB1000099N (Polycarbonate Body with Polyethylene Handle)
Four Way Stopcock, (2) Capped Female Luer Thread Style and Male Slip Luer

VPB1000110N (Polycarbonate Body with Polyethylene Handle)
Four Way Stopcock, (2) Capped Female Luer Thread Style & Capped Male Luer Lock

BIOPROCESS

Fittings

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Large Tube-to-Tube
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BAG

Ports

Nordson MEDICAL's new high tech series of bag ports offers a variety of benefits new to the biopharmaceutical industry through a unique design. Value Pharma™ resin holds credentials that many manufacturers deem fundamental, such as animal derivative free qualification, USP Class VI certification, and the guarantee of heat sealing and conformance with polyethylene bags. The resin then goes even further to provide a strong, 24-hour resistance to alcohol stress cracking. RENOLIT SOLMED Granuflex 4301 resin demonstrates lower leachable levels and high purity.

Their unique design sets these new ports apart from existing solutions. They not only conform with frequently utilized tubing sizes from 1/8" (3.2 mm) to 3" (76.2 mm), but they are also designed to ASME and BPE ferrule specifications, allowing them to work with leading industry fittings, filters and other devices. However, the most notable of the bag ports' specifications are those that are new to the industry – the parabolic lead and the alignment ribs. These two features, respectively, reduce the amount of time it takes to drain a bag by 24 percent and improve flow dynamics through the port.

Features & Benefits:

Compliant to ASME BPE Ferrule Specification

- Works with leading industry single-use bags

Barb Sizes Consist of Range From 1/8" (3.2 mm) to 1" (25.4 mm) and Ferrule TC Style

- Works with the frequently utilized tubing sizes found in the pharmaceutical industry

Parabolic Lead

- Reduces the time it takes to drain a bag by 17 to 24%
- Similar results for both fluid and powder applications

Alignment Ribs

- Improves fluid dynamics of flow through the port

Value Pharma™ Resin

- Ensures heat sealing with polyethylene bags
- Includes a USP Class VI certification
- Animal derivative free
- Resistant to alcohol stress cracking

RENOLIT SOLMED Granuflex 4301 Resin

- Demonstrates lower leachable levels and high purity

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BAG PORTS:
600 Series Barb Style

SFBP630 (-VP1) Value Pharma™ Resin
Bag Port with 600 Series Barb, 1/8" (3.2 mm) Tubing ID

SFBP655 (-VP1 -CM056) Value Pharma™ Resin, Granuflex Polyethylene
Bag Port with 600 Series Barb, 1/4" (6.4 mm) Tubing ID

SFBP670 (-VP1) Value Pharma™ Resin
Bag Port with 600 Series Barb, 3/8" (9.5 mm) Tubing ID

SFBP680 (-VP1 -CM056) Value Pharma™ Resin, Granuflex Polyethylene
Bag Port with 600 Series Barb, 1/2" (12.7 mm) Tubing ID

SFBP6100 (-VP1 -CM056) Value Pharma™ Resin, Granuflex Polyethylene
Bag Port with 600 Series Barb, 3/4" (19.0 mm) Tubing ID

SFBP6110 (-VP1 -CM056) Value Pharma™ Resin, Granuflex Polyethylene
Bag Port with 600 Series Barb, 1" (25.4 mm) Tubing ID

Need More Details?

Check out all of our Bag Ports at **www.bagports.com** or contact Sales at **bagports@nordsonmedical.com**.

Need it Fast?

You can order any of our 4,000+ parts online now with no order $ minimums, 24 hours a day, 7 days a week!
www.nordsonmedical.com

BAG PORTS:
Ferrule Fitting to 1-1/2" TC Connection

SFBPF1 (-VP1) Value Pharma™ Resin
Bag Port with Ferrule Fitting to 1-1/2" TC Connection

Innovative Parabolic Lead & Alignment Ribs

BAG PORTS:
3" TC Connection

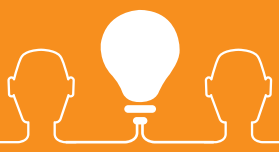
SFBPF3 (-VP1) Value Pharma™ Resin
Bag Port with Ferrule Fitting to 3" TC Connection

Looking for Something Different?

Most of our best product ideas have come from you, our customers. While we pride ourselves on our extensive product offering, we recognize that your needs are ever-changing and that our products, too, must adapt to your needs.

If there's a new product you think Nordson MEDICAL should make, please send us an Email at **designcenter@nordsonmedical.com** describing your product concept in as much detail as you desire. We will contact you with any questions, and who knows - the next catalog edition could include products YOU told us to build.

See page 14 for more information on the Design Center!



Part Drawings Online!

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings.
www.nordsonmedical.com

Need More Details?

Check out all of our bioprocessing components at **www.bioprocesscomponents.com** or contact Sales at **sales@nordsonmedical.com.**

OPPOSING
Barb Ports

Nordson MEDICAL now offers the biomedical market opposing barb ports. The larger ports can be used in filling applications, and they are also ideally suited to work with sensors.

Features & Benefits:

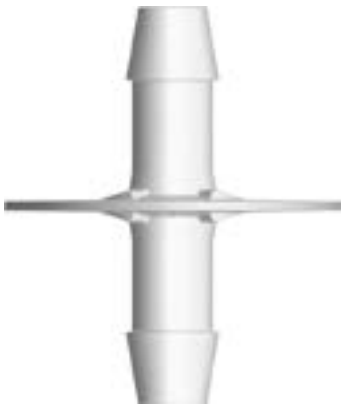
- Easy to heat seal into film material
- Can be used in filling applications
- Port plates featuring Value Pharma™ resin
- Works great with silicone and TPE style tubing
- Better tube retention
- 600 Series barb sizes
- Animal-free polyethylene
- Materials meet USP Class VI criteria and are ADF compliant
- Fits tubing sizes from 3/16" to 3/4"

OPPOSING BARB PORTS:
600 Series Barb Style

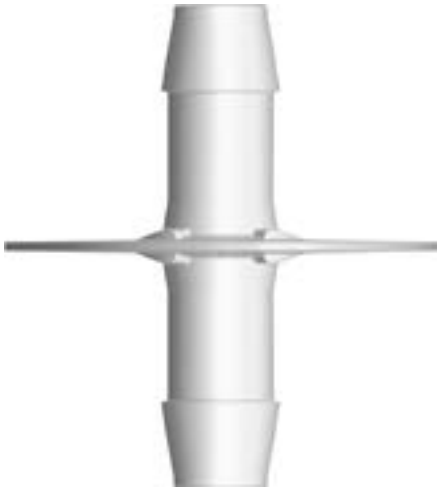
SFBP635-635 (-VP1) Value Pharma™ Resin
Dip Tube (Opposable Barbs) with Two 600 Series Barbs, 3/16"(4.8 mm) Tubing ID

SFBP655-655 (-VP1 -CM056) Value Pharma™ Resin, Granuflex Polyethylene
Dip Tube (Opposable Barbs) with Two 600 Series Barbs, 1/4" (6.4 mm) Tubing ID

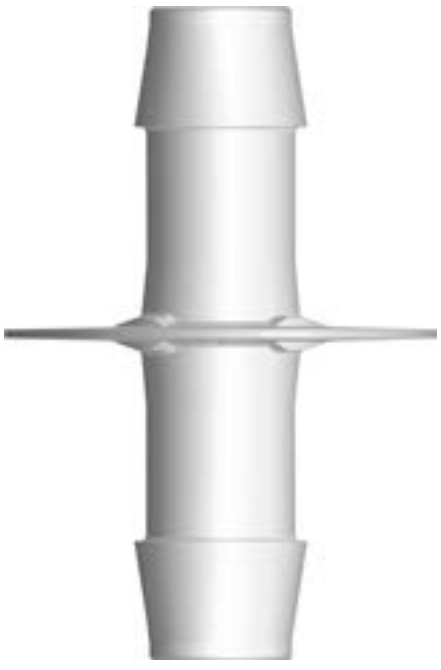
SFBP670-670 (-VP1) Value Pharma™ Resin
Dip Tube (Opposable Barbs) with Two 600 Series Barbs, 3/8" (9.5 mm) Tubing ID



SFBP680-680 (-VP1) Value Pharma™ Resin
Dip Tube (Opposable Barbs) with Two 600 Series Barbs, 1/2" (12.7 mm) Tubing ID



SFBP6100-6100 (-VP1) Value Pharma™ Resin
Dip Tube (Opposable Barbs) with Two 600 Series Barbs, 3/4" (19.0 mm) Tubing ID



BIOClamp®

BioClamp® plastic quick-release clamps are specifically designed to meet the needs of busy pharmaceutical and bioprocessing laboratories, offering full flexibility in single-use applications. The clamps are specifically designed to work with Nordson MEDICAL's SF Series sanitary fitting Mini and Maxi flanges, related caps and gaskets, and in conjunction with OEM filters and bioprocessing bags. The clamp is lightweight and easy for technicians to install and provides for quick and convenient assembly release.

Features & Benefits:

- Can be SIP repeatedly
- Can be autoclaved repeatedly at 134°C for 5 minutes
- Can be subjected to 60 kiloGrays without weakening
- Reduced distortion on polymeric components
- More compatible with current manufacturing than steel
  - Greater flexibility in operation
  - Single-use disposal
- Applications
  - Bioprocessing
  - Single-use technology (SUS)
  - Drug discovery and development
  - Fluid transport
  - Pharmaceutical scale up
  - Sterile bag systems

Specifications:
Materials: Glass reinforced Nylon 66
Tubing Sizes: 1/2" to 1 1/2"
Max. Operating Pressure: 150 psig
Max. Cumulative Gamma Dose: 60 kiloGrays
USP Class VI Certified Materials

Reference part shown: VNG150WHT

Due to size we are not able to display all large BioClamp® fittings. Please see **www.nordsonmedical.com** for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

VNG075WHT (Glass Reinforced White Nylon)
Clamp, Mini Flange, 1/2" (12.7 mm) to 3/4" (19.0 mm)

VNG150WHT (Glass Reinforced White Nylon)
Clamp, Maxi Flange, 1" (25.4 mm) to 1.5" (38.1 mm)

VNG200WHT (Glass Reinforced White Nylon)
Clamp, Maxi Flange, 2" (50.8 mm)

VNG250WHT (Glass Reinforced White Nylon)
Clamp, Maxi Flange, 2.5" (63.5 mm)

VNG300WHT (Glass Reinforced White Nylon)
Clamp, Maxi Flange, 3" (76.2 mm)

VNG400WHT (Glass Reinforced White Nylon)
Clamp, Maxi Flange, 4" (101.6 mm)

VNG600WH (Glass Reinforced White Nylon)
Clamp, Maxi Flange, 6" (152.4 mm)

VNG800WH (Glass Reinforced White Nylon)
Clamp, Maxi Flange, 8" (203.2 mm)

Need it Fast?

You can order any of our 4,000+ parts online now with no order $ minimums, 24 hours a day, 7 days a week!
www.nordsonmedical.com

Technical Assistance

Trying to choose the correct part? Need more material information than is published in this catalog? Call Nordson MEDICAL Technical Support **(970) 267-5200**.

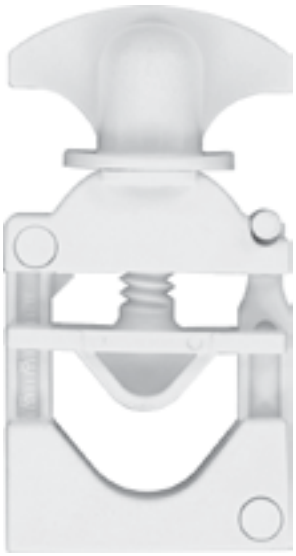
BIOValve®

The BioValve® pinch valve is a precision restriction flow controller and shut-off valve for silicone tubing used in bioprocessing and pharmaceutical manufacturing applications.

Features & Benefits:
- Can be SIP repeatedly
- Can be autoclaved repeatedly at 134°C for 5 minutes
- Can be subjected to 60 kiloGrays without weakening
- Can be calibrated to minimize flow path turbulence
- Can be used with one hand
- Thread pitch is calibrated to 2mm per turn

Specifications:
Materials: Glass reinforced Nylon 66
Tubing Sizes: 1/4" to 1"
Max. Operating Pressure: 150 psig
Max. Cumulative Gamma Dose: 60 kiloGrays
USP Class VI Certified Materials

VBV0500NW (Glass Reinforced White Nylon)
Pinch Valve Mini, 1/4" (6.4 mm) to 1/2" (12.7 mm) Tubing OD



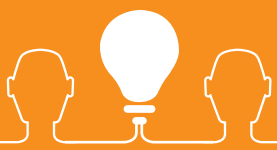
VBV1000NW (Glass Reinforced White Nylon)
Pinch Valve, Maxi, 1/2" (12.7 mm) to 1" (25.4 mm)

Looking for Something Different?

Most of our best product ideas have come from you, our customers. While we pride ourselves on our extensive product offering, we recognize that your needs are ever-changing and that our products, too, must adapt to your needs.

If there's a new product you think Nordson MEDICAL should make, please send us an Email at **designcenter@nordsonmedical.com** describing your product concept in as much detail as you desire. We will contact you with any questions, and who knows - the next catalog edition could include products YOU told us to build.

See page 14 for more information on the Design Center!



GASKETS

Material options include Class VI compliant PTFE/EPDM and platinum-cured silicone in gasket sizes that fit both the 1-½" (Maxi) and the ¾" (Mini) Flange Series. Keeping customer requirements in mind, these components were manufactured for applications requiring the highest sanitary standards and chemical purity.

GMN450 (-PX)
Molded Gasket for Mini Flange SFMN Series Fittings

G42MPGR-TF075 (-E)
Molded Tuf-Flex® Gasket for Mini Flange SFMN Series Fittings

GMX455 (-PX)
Molded Gasket for Maxi Flange SFMX Series Fittings

G40MPGR-TF150 (-E)
Molded Tuf-Flex® Gasket for Maxi Flange SFMX Series Fittings

G424TRX-0200 Platinum-Cured Silicone
Molded Gasket for 2" Flange Fittings

G424TRX-0300 Platinum-Cured Silicone
Molded Gasket for 3" Flange Fittings

Need More Details?

Check out all of our bioprocessing components at **www.bioprocesscomponents.com** or contact Sales at **sales@nordsonmedical.com.**

Custom Assembly

We produce standard components to fit your current assemblies and devices, but we also provide custom solutions by applying a variety of assembly options, such as joining fittings, connectors, filters, and other components to tubing. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.

PHARMALok™

Clamps

The biopharmaceutical industry has made a strong move towards single-use technology, so Nordson MEDICAL has developed ground-breaking clamp designs that simplify the assembly process by making it effortless to securely attach sanitary fittings to bag ports and filters.

Nordson MEDICAL's PharmaLok™ clamps are ASME BPE compliant and operate at a maximum pressure of 80 psi. Single-use and easy-open clamp sizes include .5" to .75" and 1" to 1.5", and the tube clamp supports tubing sizes from .5" to 1.25".

Pharmalok clamps provide a significant advancement for the industry, as a number of existing solutions either require tools for closure or consist of multiple components, which turns what should be a simple operation into a difficult and awkward process.

Easily operated with one hand, PharmaLok's patented design allows effortless attachment of fittings to bag ports and filters. The user simply rests the fitting in the PharmaLok's regulation-sized slot, lightly grips the surrounding handles, and listens for the sound of clicks to confirm a secure connection.

Single-Use Clamps & Easy-Open Clamps

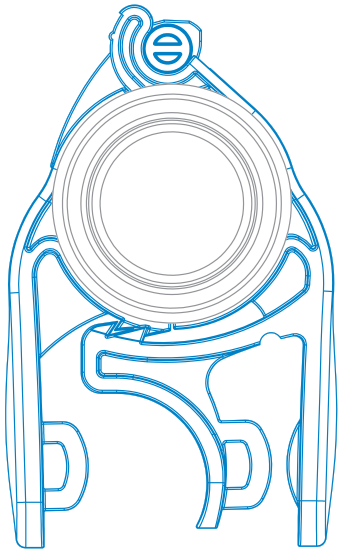
Features & Benefits:
- ASME BPE 2014 DT-9.3.1 compliant
- DIN compliant
- Easy to use, one-handed closure - no tools needed
- Tamper evident and zip tie compatible
- 360° compression
- Connects both plastic and stainless steel fittings
- SIP/CIP compatible

Specifications:
Materials: USP Class VI & ISO 11137 certified glass-filled nylon
Sterilization: Gamma Radiation up to 50 kGy, autoclavable up to 273°F (134°C) for a maximum of 30 min.
Sizes: .5" to .75" and 1" to 1.5"
Operating Temperature: -94°F (-70°C) to 140°F (60°C)
Maximum Pressure: 80 psi (conforms to ASME BPE-2014 PM-4.2.2)

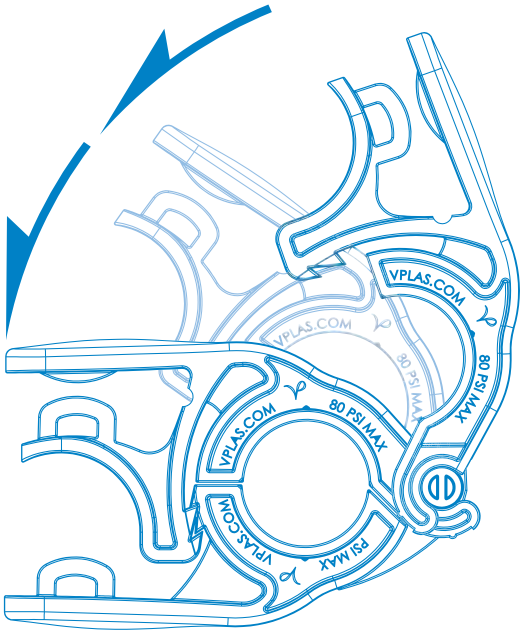
Tube Clamps

Features & Benefits:
- Designed for use with silicone and TPE tubing
- Easy to use, one-handed closure - no tools needed
- Tamper evident and zip tie compatible
- SIP/CIP compatible

Specifications:
Materials: USP Class VI & ISO 11137 certified glass-filled nylon
Sterilization: Gamma Radiation up to 50 kGy, autoclavable up to 273°F (134°C) for a maximum of 30 min.
Sizes: .5" to 1.25" Tubing OD
Operating Temperature: -94°F (-70°C) to 140°F (60°C)

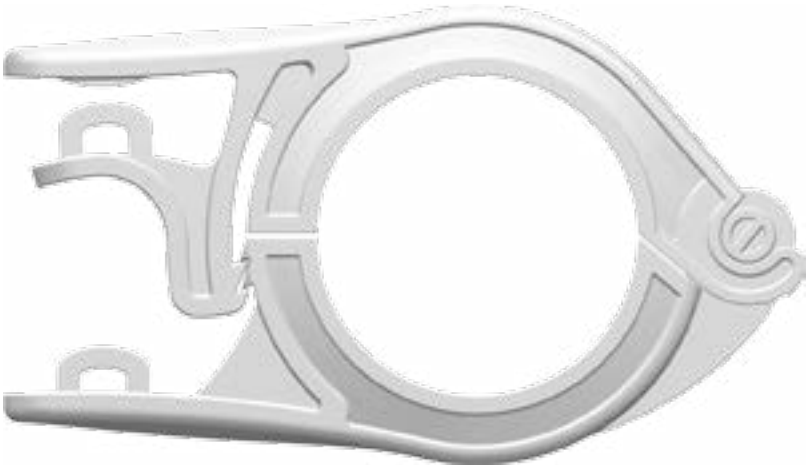


Easy, 2 Click Closure



360° Compression

CPAX150 (-U71)
Tri-Clover Easy-Open Clamp for "Maxi" Flange, 1" to 1.5"



CPAN75 (-U71)
Tri-Clover Easy-Open Clamp for "Mini" Flange, .5" to .75"

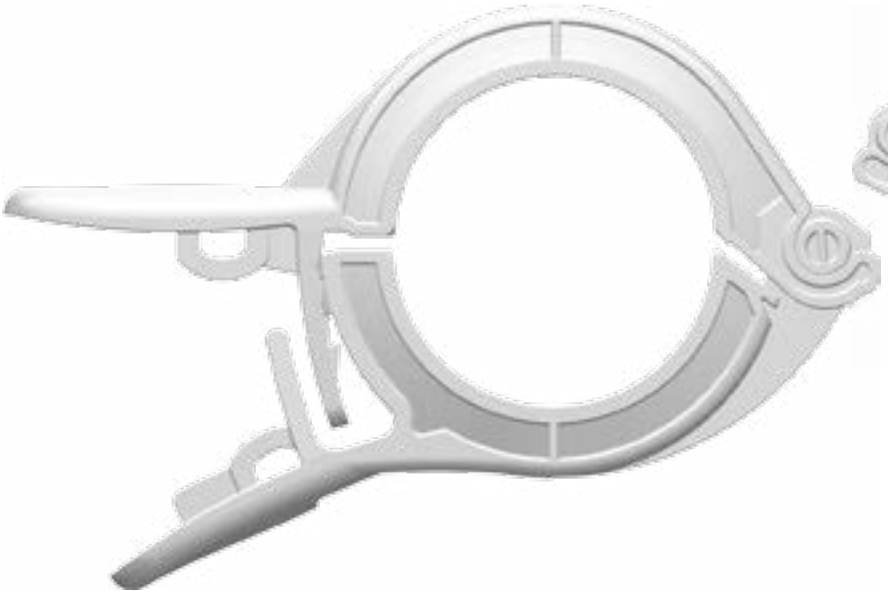
CPAX150 (-U75)
Tri-Clover Easy-Open Clamp for "Maxi" Flange, 1" to 1.5"

CPAN75 (-U75)
Tri-Clover Easy-Open Clamp for "Mini" Flange, .5" to .75"

CPAX150 (-U706)
Tri-Clover Easy-Open Clamp for "Maxi" Flange, 1" to 1.5"

CPAN75 (-U706)
Tri-Clover Easy-Open Clamp for "Mini" Flange, .5" to .75"

CPX150 (-U71)
Single-Use Series Clamp, TC Version 1" to 1.5"



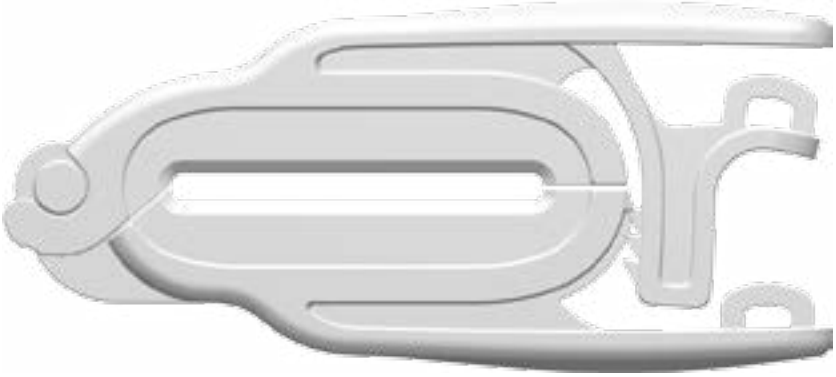
CPN75 (-U71)
Single-Use Series Clamp, TC Version .5" to .75"

CPX150 (-U75)
Single-Use Series Clamp, TC Version 1" to 1.5"

CPN75 (-U75)
Single-Use Series Clamp, TC Version .5" to .75"

PHARMALOK SERIES:
Tube Clamp

CPT100 (-U71)
Tube Clamp, .5" to 1.25"



RQSeries
Quick Connects

Nordson MEDICAL has developed a more robust alternative for bioprocessing needs with the RQC Series and RQX Series offering a cost effective solution for flexible tubing connections in single use systems. The connector set is best in fit, form and function, and features a user-friendly interface that includes a large guarded button for a secure lock to guard against disconnects, and lofted lead-in for improved ease of connection. The more reliable locking feature gives you peace of mind knowing your connection is secure.

Features & Benefits:

- Materials meet USP Class VI and ISO 10993 criteria
- Several connector configurations available in commonly used polypropylene and polycarbonate materials
- Large ergonomic button and thumb pad with secure latch and optional integrated locking mechanism
- Platinum-cured silicone o-rings
- Plugs and caps available to maintain fluid path integrity
- Supports cryogenic applications to -60°C

Specifications:

- **Materials:** Polypropylene, Tinted Polycarbonate
- **Sterilization:** Gamma radiation stable, EtO compatible, autoclavable to 121°C for up to 20 minutes
- **Testing:** Bioburden, Cytotoxicity, Extractables
- **RQC Series Tubing Sizes:** 1/4" (6.4 mm) and 3/8" (9.5 mm) tubing IDs
- **RQX Series Tubing Sizes:** 3/8" (9.5 mm) and 1/2" (12.7 mm) tubing IDs

RQC SERIES:
Quick Connects

RQCF655 (-9024 -001)
RQCF655 (-6005 -001)
Female Open Flow, 600 Series Barb, 1/4" (6.4 mm) ID Tubing

RQCFL655 (-9024 -001)
RQCFL655 (-6005 -001)
Female Open Flow, 600 Series Barb, 1/4" (6.4 mm) ID Tubing, Locking Feature

RQCM655 (-9024 -001) Platinum-Cured Silicone O-Ring
RQCM655 (-6005 -001) Platinum-Cured Silicone O-Ring
Male Open Flow, 600 Series Barb, 1/4" (6.4 mm) ID Tubing

RQCF670 (-9024 -001)
RQCF670 (-6005 -001)
Female Open Flow, 600 Series Barb, 3/8" (9.5 mm) ID Tubing

RQCFL670 (-9024 -001)
RQCFL670 (-6005 -001)
Female Open Flow, 600 Series Barb, 3/8" (9.5 mm) ID Tubing, Locking Feature

RQCM670 (-9024 -001) Platinum-Cured Silicone O-Ring
RQCM670 (-6005 -001) Platinum-Cured Silicone O-Ring
Male Open Flow, 600 Series Barb, 3/8" (9.5 mm) ID Tubing

RQCFC (-9024 -001)
RQCFC (-6005 -001)
Female Cap

RQCFLC (-9024 -001)
RQCFLC (-6005 -001)
Female Cap, Locking Feature

RQCMP (-9024 -001) Platinum-Cured Silicone O-Ring
RQCMP (-6005 -001) Platinum-Cured Silicone O-Ring
Male Plug

RQXF670 (-9024 -001)
RQXF670 (-6005 -001)
Female Open Flow, 600 Series Barb, 3/8" (9.5 mm) ID Tubing

RQXFL670 (-9024 -001)
RQXFL670 (-6005 -001)
Female Open Flow, 600 Series Barb, 3/8" (9.5 mm) ID Tubing, Locking Feature

RQXM670 (-9024 -001) Platinum-Cured Silicone O-Ring
RQXM670 (-6005 -001) Platinum-Cured Silicone O-Ring
Male Open Flow, 600 Series Barb, 3/8" (9.5 mm) ID Tubing

RQXF680 (-9024 -001)
RQXF680 (-6005 -001)
Female Open Flow, 600 Series Barb, 1/2" (12.7 mm) ID Tubing

RQXFL680 (-9024 -001)
RQXFL680 (-6005 -001)
Female Open Flow, 600 Series Barb, 1/2" (12.7 mm) ID Tubing, Locking Feature

RQXM680 (-9024 -001) Platinum-Cured Silicone O-Ring
RQXM680 (-6005 -001) Platinum-Cured Silicone O-Ring
Male Open Flow, 600 Series Barb, 1/2" (12.7 mm) ID Tubing

RQXFC (-9024 -001)
RQXFC (-6005 -001)
Female Cap

RQXFLC (-9024 -001)
RQXFLC (-6005 -001)
Female Cap, Locking Feature

RQXMP (-9024 -001) Platinum-Cured Silicone O-Ring
RQXMP (-6005 -001) Platinum-Cured Silicone O-Ring
Male Plug

BIOPROCESSING FITTINGS

Need Samples for Evaluation?

You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.
+1 (970) 267-5200 Toll Free: (888) 404-5837

SFSeries
Sanitary Fittings

The SF Series sanitary fittings are based on design concepts calling for a heavy-duty part with superior side load strength, while providing superior flow-through characteristics, making them the connectors of choice for single-use bioprocesses. Pharmaceutical professionals find these plastic fittings offer all the benefits of disposable parts while offering performance capabilities not found in earlier versions of flanged fittings.

Features & Benefits:
- Animal-free materials: No BSE documentation required
- Radiused flow surfaces: Smooth uninterrupted flow
- "Mini" & "Maxi" sizes: Easy to retrofit current operations, works with commercially available biopharm clamps
- No Particulate build-up: Interior surface controlled to 15 Ra microinch

Specifications:
Materials: Animal-Free Polypropylene, Natural PVDF
Tubing Sizes: 1/4", 3/8", 1/2", 3/4", 1"
Leak Resistance: Tested at 80 psi air under water for 90 seconds with no leaks
Tubing Removal Force:
- 1/4" PP with C-Flex® shore A tubing: 21 lbs.
- 1/2" PP with C-Flex® shore A tubing: 89 lbs.
- 1" PP with C-Flex® shore A tubing: 121 lbs.

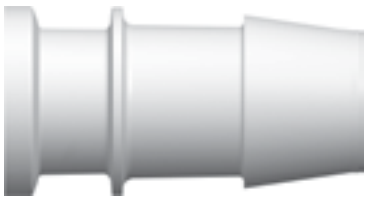
Interior Surface Finish: 15 Ra Microinch

SFMN655 (-6005 -J1A)
Sanitary Fitting, Mini Flange 3/4" to 600 Series Barb, 1/4" (6.4 mm) Tubing ID

SFMN670 (-6005 -J1A)
Sanitary Fitting, Mini Flange 3/4" to 600 Series Barb, 3/8" (9.5 mm) Tubing ID

SFMN680 (-6005 -J1A)
Sanitary Fitting, Mini Flange 3/4" to 600 Series Barb, 1/2" (12.7 mm) Tubing ID

SFMN6100 (-6005 -J1A)
Sanitary Fitting, Mini Flange 3/4" to 600 Series Barb, 3/4" (19.0 mm) Tubing ID



SFMNC (-6005 -J1A)
Sanitary Fitting Mini Cap 3/4"

Technical Assistance

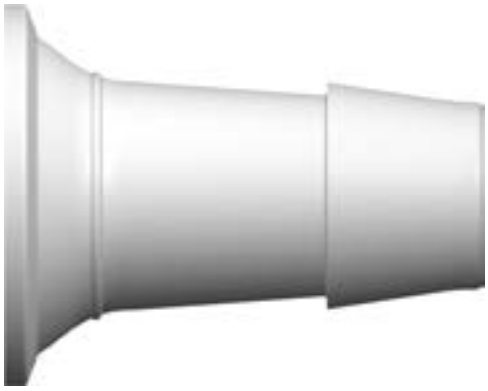
Trying to choose the correct part? Need more material information than is published in this catalog? Call Nordson MEDICAL Technical Support **(970) 267-5200**.

SFMX655 (-6005 -J1A)
Sanitary Fitting, Maxi Flange 1-1/2" to 600 Series Barb, 1/4" (6.4 mm) Tubing ID

SFMX6100 (-6005 -J1A)
Sanitary Fitting, Maxi Flange 1-1/2" to 600 Series Barb, 3/4" (19.0 mm) Tubing ID

SFMX670 (-6005 -J1A)
Sanitary Fitting, Maxi Flange 1-1/2" to 600 Series Barb, 3/8" (9.5 mm) Tubing ID

SFMX6110 (-6005 -J1A)
Sanitary Fitting, Maxi Flange 1-1/2" to 600 Series Barb, 1.0" (25.4 mm) Tubing ID



SFMX680 (-6005 -J1A)
Sanitary Fitting, Maxi Flange 1-1/2" to 600 Series Barb, 1/2" (12.7 mm) Tubing ID

SFMXC (-6005 -J1A)
Sanitary Fitting Maxi Cap 1-1/2"

TUBE-TO-TUBE
Connectors

Did You Know?

You can find smaller Tube-To-Tube fittings for your application needs starting on **Pg-72**.

LARGE TUBE-TO-TUBE:
Straight Through

Reference part shown: N670

Due to size we are not able to display all large Tube-To-Tube connectors. Please see **www.nordsonmedical.com** for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

N070 (-0 -6005 -9)
Straight Through Connector with 500 Series Barbs, 3/8" (9.5 mm) ID Tubing

N670 (-6005 -9 -J1A)
Straight Through Connector with 600 Series Barbs, 3/8" (9.5 mm) ID Tubing

N970 (-9)
Straight Through Connector with 900 Series Barbs, 3/8" (9.5 mm) ID Tubing

N080 (-0 -6005 -9)
Straight Through Connector with 500 Series Barbs, 1/2" (12.7 mm) ID Tubing

N680 (-6005 -9 -J1A)
Straight Through Connector with 600 Series Barbs, 1/2" (12.7 mm) ID Tubing

N975 (-9)
Straight Through Connector with 900 Series Barbs, 1/2" (12.7 mm) ID Tubing

N090 (-0 -6005 -9)
Straight Through Connector with 500 Series Barbs, 5/8" (16.0 mm) ID Tubing

N690 (-0 -6005 -9)
Straight Through Connector with 600 Series Barbs, 5/8" (16.0 mm) ID Tubing

N100 (-0 -6005)
Straight Through Connector with 500 Series Barbs, 3/4" (19.0 mm) ID Tubing

N6100 (-6005)
Straight Through Connector with 600 Series Barbs, 3/4" (19.0 mm) ID Tubing

N110 (-0 -6005)
Straight Through Connector with 500 Series Barbs, 1" (25.4 mm) ID Tubing

N6110 (-6005)
Straight Through Connector with 600 Series Barbs, 1" (25.4 mm) ID Tubing

Reference part shown: N070/013

Due to size we are not able to display all large Tube-To-Tube connectors. Please see **www.nordsonmedical.com** for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

N070/013 (-0 -6005 -9 -9002 -J1A)
Straight Through Reduction Connector with 500 Series Barbs, 3/8" (9.5 mm) and 1/8" (3.2 mm) ID Tubing

N070/055 (-0 -6005 -9)
Straight Through Reduction Connector with 500 Series Barbs, 3/8" (9.5 mm) and 1/4" (6.4 mm) ID Tubing

N670/655 (-6005 -9 -J1A)
Straight Through Reduction Connector with 600 Series Barbs, 3/8" (9.5 mm) and 1/4" (6.4 mm) ID Tubing

N080/055 (-0 -6005 -9)
Straight Through Reduction Connector with 500 Series Barbs, 1/2" (12.7 mm) and 1/4" (6.4 mm) ID Tubing

N680/655 (-6005 -9 -J1A)
Straight Through Reduction Connector with 600 Series Barbs, 1/2" (12.7 mm) and 1/4" (6.4 mm) ID Tubing

N080/070 (-0 -6005 -9)
Straight Through Reduction Connector with 500 Series Barbs, 1/2" (12.7 mm) and 3/8" (9.5 mm) ID Tubing

N680/670 (-6005 -9)
Straight Through Reduction Connector with 600 Series Barbs, 1/2" (12.7 mm) and 3/8" (9.5 mm) ID Tubing

N090/055 (-0 -6005)
Straight Through Reduction Connector with 500 Series Barbs, 5/8" (16.0 mm) and 1/4" (6.4 mm) ID Tubing

N690/655 (-6005 -9)
Straight Through Reduction Connector with 600 Series Barbs, 5/8" (16.0 mm) and 1/4" (6.4 mm) ID Tubing

N090/070 (-0 -6005)
Straight Through Reduction Connector with 500 Series Barbs, 5/8" (16.0 mm) and 3/8" (9.5 mm) ID Tubing

N690/670 (-6005 -9)
Straight Through Reduction Connector with 600 Series Barbs, 5/8" (16.0 mm) and 3/8" (9.5 mm) ID Tubing

N6100/670 (-6005)
Straight Through Reduction Connector with 600 Series Barbs, 3/4" (19 mm) and 3/8" (9.5 mm) ID Tubing

N100/080 (-0 -6005)
Straight Through Reduction Connector with 500 Series Barbs, 3/4" (19.0 mm) and 1/2" (12.7 mm) ID Tubing

N6100/680 (-6005)
Straight Through Reduction Connector with 600 Series Barbs, 3/4" (19 mm) and 1/2" (12.7 mm) ID Tubing

N6110/680 (-6005)
Straight Through Reduction Connector with 600 Series Barbs, 1" (25.4 mm) and 1/2" (12.7 mm) ID Tubing

N110/100 (-0 -6005)
Straight Through Reduction Connector with 500 Series Barbs, 1" (25.4 mm) and 3/4" (19.0 mm) ID Tubing

N6110/6100 (-6005 -9)
Straight Through Reduction Connector with 600 Series Barbs, 1" (25.4 mm) and 3/4" (19.0 mm) ID Tubing

LARGE TUBE-TO-TUBE:
Elbow

Reference part shown: L070

Due to size we are not able to display all large Tube-To-Tube connectors. Please see **www.nordsonmedical.com** for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

L070 (-0 -6005)
Elbow Connector with 500 Series Barbs, 3/8" (9.5 mm) ID Tubing

L970 (-9)
Elbow Connector with 900 Series Barbs, 3/8" (9.5 mm) ID Tubing

L080 (-0 -6005)
Elbow Connector with 500 Series Barbs, 1/2" (12.7 mm) ID Tubing

L975 (-9)
Elbow Connector with 900 Series Barbs, 1/2" (12.7 mm) ID Tubing

L090 (-0 -6005)
Elbow Connector with 500 Series Barbs, 5/8" (16.0 mm) ID Tubing

L100 (-0 -6005)
Elbow Connector with 500 Series Barbs, 3/4" (19.0 mm) ID Tubing

L110 (-0 -6005)
Elbow Connector with 500 Series Barbs, 1" (25.4 mm) ID Tubing

L6110 (-6005)
Elbow Connector with 600 Series Barbs, 1" (25.4 mm) ID Tubing

CF494 (-6 -6005)
Low-profile Elbow Connector with Custom 600 Series Barbs, 1" (25.4 mm) ID Tubing

LARGE TUBE-TO-TUBE:
Elbow Reducer

Reference part shown: L070/055

Due to size we are not able to display all large Tube-To-Tube connectors. Please see **www.nordsonmedical.com** for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

L070/055 (-0 -6005)
Elbow Reduction Connector with 500 Series Barbs, 3/8" (9.5 mm) and 1/4" (6.4 mm) ID Tubing

L080/070 (-0 -6005)
Elbow Reduction Connector with 500 Series Barbs, 1/2" (12.7 mm) and 3/8" (9.5 mm) ID Tubing

L100/080 (-0 -6005)
Elbow Reduction Connector with 500 Series Barbs, 3/4" (19.0 mm) and 1/2" (12.7 mm) ID Tubing

L110/100 (-0 -6005)
Elbow Reduction Connector with 500 Series Barbs, 1" (25.4 mm) and 3/4" (19.0 mm) ID Tubing

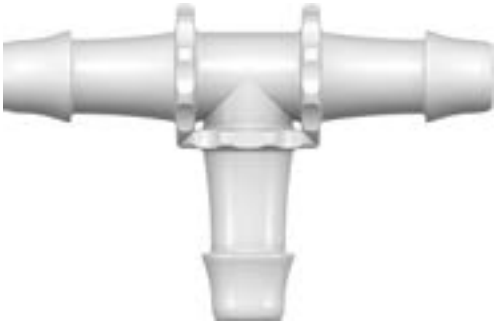
Need More Details?

Check out all of our bioprocessing components at **www.bioprocesscomponents.com** or contact Sales at **sales@nordsonmedical.com.**

Custom Assembly

We produce standard components to fit your current assemblies and devices, but we also provide custom solutions by applying a variety of assembly options, such as joining fittings, connectors, filters, and other components to tubing. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.

LARGE TUBE-TO-TUBE:
Tee



Reference part shown: T070

Due to size we are not able to display all large Tube-To-Tube connectors. Please see **www.nordsonmedical.com** for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

T070 (-0 -6005 -9)
Tee Connector with 500 Series Barbs, 3/8" (9.5 mm) ID Tubing

T670 (-1 -6005 -9 -J1A)
Tee Connector with 600 Series Barbs, 3/8" (9.5 mm) ID Tubing

T970 (-9)
Tee Connector with 900 Series Barbs, 3/8" (9.5 mm) ID Tubing

T080 (-0 -6005 -9)
Tee Connector with 500 Series Barbs, 1/2" (12.7 mm) ID Tubing

T680 (-6005 -9 -J1A)
Tee Connector with 600 Series Barbs, 1/2" (12.7 mm) ID Tubing

T975 (-9)
Tee Connector with 900 Series Barbs, 1/2" (12.7 mm) ID Tubing

T690 (-6005 -9)
Tee Connector with 600 Series Barbs, 5/8" (16.0 mm) ID Tubing

T100 (-0 -6005 -9)
Tee Connector with 500 Series Barbs, 3/4" (19.0 mm) ID Tubing

T6100 (-6005)
Tee Connector with 600 Series Barbs, 3/4" (19.0 mm) ID Tubing

T110 (-0 -6005)
Tee Connector with 500 Series Barbs, 1" (25.4 mm) ID Tubing

T6110 (-6005)
Tee Connector with 600 Series Barbs, 1" (25.4 mm) ID Tubing

LARGE TUBE-TO-TUBE:
Tee Reducer

Reference part shown: T070/055

Due to size we are not able to display all large Tube-To-Tube connectors. Please see **www.nordsonmedical.com** for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

T070/055 (-0 -6005 -9)
Tee Reduction Connector with 500 Series Barbs, 3/8" (9.5 mm) and 1/4" (6.4 mm) ID Tubing

T080/055 (-0 -6005 -9)
Tee Reduction Connector with 500 Series Barbs, 1/2" (12.7 mm) and 1/4" (6.4 mm) ID Tubing

T080/070 (-0 -6005 -9)
Tee Reduction Connector with 500 Series Barbs, 1/2" (12.7 mm) and 3/8" (9.5 mm) ID Tubing

T100/080 (-0 -6005 -9)
Tee Reduction Connector with 500 Series Barbs, 3/4" (19.0 mm) and 1/2" (12.7 mm) ID Tubing

T110/100 (-0 -6005)
Tee Reduction Connector with 500 Series Barbs, 1" (25.4 mm) and 3/4" (19.0 mm) ID Tubing

LARGE TUBE-TO-TUBE:
Y

Reference part shown: Y070

Due to size we are not able to display all large Tube-To-Tube connectors. Please see **www.nordsonmedical.com** for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

Y070 (-0 -6005 -9)
Y Connector with 500 Series Barbs, 3/8" (9.5 mm) ID Tubing

Y670 (-6005 -9 -J1A)
Y Connector with 600 Series Barbs, 3/8" (9.5 mm) ID Tubing

Y080 (-0 -6005 -9)
Y Connector with 500 Series Barbs, 1/2" (12.7 mm) ID Tubing

Y680 (-6005 -9 -J1A)
Y Connector with 600 Series Barbs, 1/2" (12.7 mm) ID Tubing

Y090 (-0 -6005 -J1A)
Y Connector with 500 Series Barbs, 5/8" (16.0 mm) ID Tubing

Y690 (-6005)
Y Connector with 600 Series Barbs, 5/8" (16.0 mm) ID Tubing

Y100 (-0 -6005 -J1A)
Y Connector with 500 Series Barbs, 3/4" (19.0 mm) ID Tubing

Y6100 (-6005)
Y Connector with 600 Series Barbs, 3/4" (19.0 mm) ID Tubing

Y110 (-0 -6005)
Y Connector with 500 Series Barbs, 1" (25.4 mm) ID Tubing

Y6110 (-6005)
Y Connector with 600 Series Barbs, 1" (25.4 mm) ID Tubing

LARGE TUBE-TO-TUBE:
Multiport

Reference part shown: 4PX655

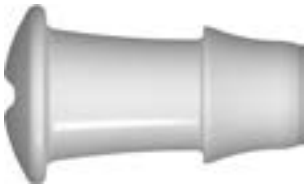
Due to size we are not able to display all large Tube-To-Tube connectors. Please see **www.nordsonmedical.com** for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

4PX655 (-6005)
Four-Port Cross Style Manifold with 600 Series Barbs for 1/4" (6.4 mm) ID Tubing

4PX670 (-6005)
Four-Port Cross Style Manifold with 600 Series Barbs for 3/8" (9.5 mm) ID Tubing

4PX680 (-6005)
Four-Port Cross Style Manifold with 600 Series Barbs for 1/2" (12.7 mm) ID Tubing

LARGE TUBE-TO-TUBE:
Press-In Plugs



Reference part shown: PIP090

Due to size we are not able to display all large Tube-To-Tube connectors. Please see **www.nordsonmedical.com** for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

PIP070 (-0 -6005)
Press-In Plug with 500 Series Barb, 3/8" (9.5 mm) ID Tubing

PIP670 (-6005)
Press-In Plug with 600 Series Barb, 3/8" (9.5 mm) ID Tubing

PIP080 (-6005)
Press-In Plug with 500 Series Barb, 1/2" (12.7 mm) ID tubing

PIP680 (-6005)
Press-In Plug with 600 Series Barb, 1/2" (12.7 mm) ID Tubing

PIP090 (-6005)
Press-In Plug with 500 Series Barb, 5/8" (16.0 mm) ID Tubing

PIP6100 (-6005)
Press-In Plug with 600 Series Barb, 3/4" (19.0 mm) ID Tubing

PIP6110 (-6005)
Press-In Plug with 600 Series Barb, 1" (25.4 mm) ID Tubing

TUOHY BORST

Adapters

Adult Without Side Port
PG-57

Pediatric Without Side Port
PG-57

Adult With Side Port
PG-57

TBA Series

Tuohy Borst Adapters

Tuohy Borst adapters are designed to facilitate catheter introduction and are intended for interventional and diagnostic procedures where fluid backflow is a concern.

Tuohy Borst adapters are available in convenient bag sizes of 100 and 25 with larger sizes attainable on request and lower minimum order quantities to suit your needs.

Features & Benefits:

- Male luer terminations that comply with EN/ISO standards
- With and without side ports for delivering medication
- Cap does not remove at fully opened position
- Leak proof seal during interventional and diagnostic procedures
- Materials: clear PVC, silicone adult gaskets, and Kraton pediatric gaskets
- Gasket through hole ID from 0.025" to 0.100"
- Different cap color options

Part Drawings Online!

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings.
www.nordsonmedical.com

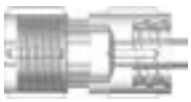
Need it Fast?

You can order any of our 4,000+ parts online now with no order $ minimums, 24 hours a day, 7 days a week!
www.nordsonmedical.com

TBA SERIES:
Adult Without Side Port

TBA2025-001
Tuohy Borst Adapter without Side Port, 9 Fr Clear PVC Body, Blue Triax Cap, 0.025" ID Silicone Gasket

TBA2025-002
Tuohy Borst Adapter without Side Port, 9 Fr Clear PVC Body, Clear PVC Cap, 0.025" ID Silicone Gasket



TBA2040-001
Tuohy Borst Adapter without Side Port, Clear PVC Body, Blue Triax Cap 0.040" ID Silicone Gasket

TBA2052-001
Tuohy Borst Adapter without Side Port, Clear PVC Body, Blue Triax Cap, 0.052" ID Silicone Gasket

TBA2062-001
Tuohy Borst Adapter without Side Port, Clear PVC Body, Blue Triax Cap, 0.062" ID Silicone Gasket

TBA2081-001
Tuohy Borst Adapter without Side Port, Clear PVC Body, Blue Triax Cap, 0.081" ID Silicone Gasket

TBA2100-001
Tuohy Borst Adapter without Side Port, Clear PVC Body, Clear PVC Cap, 0.100" ID Silicone Gasket

TBA SERIES:
Pediatric Without Side Port

TBA3084-001
Pediatric Tuohy Borst Adapter without Side Port, Clear PVC Body, Red Cap, 0.084" ID Natural Kraton Gasket

TBA SERIES:
Adult With Side Port

TBA4030P-001
Tuohy Borst Adapter with Side Port, Clear PVC Body, Blue Triax Cap, Pellethane Tubing, 0.030" ID Silicone Gasket, Acetal Mini-Clamp, Clear PVC Female Luer, and SS Washer

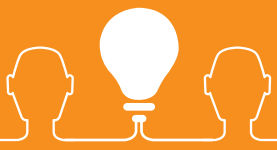
TBA4030P-002
Tuohy Borst Adapter with Side Port, Clear PVC Body, Blue Triax Cap, 0.030" ID Silicone Gasket, Pellethane Tubing, Clear PVC Female Luer, Acetal Mini Clamp, HDPE and Teflon Washers

Looking for Something Different?

Most of our best product ideas have come from you, our customers. While we pride ourselves on our extensive product offering, we recognize that your needs are ever-changing and that our products, too, must adapt to your needs.

If there's a new product you think Nordson MEDICAL should make, please send us an Email at **designcenter@nordsonmedical.com** describing your product concept in as much detail as you desire. We will contact you with any questions, and who knows - the next catalog edition could include products YOU told us to build.

See page 14 for more information on the Design Center!



LUER

Fittings

Male Luers
PG-59

Female Luers
PG-61

Adapters
PG-63

Couplers
PG-63

Tees
PG-63

Elbows
PG-63

Plugs and Caps
PG-64

Luer to Thread
PG-65

Panel Mounts & Accessories
PG-66

Our Luer Tapers

Nordson MEDICAL's luer tapers are made to the ISO 594-1 and ISO 594-2 standards, and may be connected to other luers meeting these ISO standards. Please test your application to verify the performance of the interconnection.

Nordson MEDICAL's luer fittings come in over 100 configurations and several materials for the device designer, joining tubing from 1/16" (1.6 mm) ID to 1/4" (6.4 mm) ID.

Features & Benefits:

Published ISO Design Standard
- Well understood worldwide
- Often assures interconnections without need to retrofit

Rotating Lock Permits Tube Positioning Prior To Tightening
- Minimizes twisting and kinking of tubing

Tapered Cone Seal
- Reliable
- Inexpensive
- Uncomplicated

Available In Many Materials
- Facilitates optimal material selection for your application

Inexpensive
- Facilitates single-use

Easy To Understand
- Ease of use in field

Many Configuration Options
- Adaptable to wide range of applications

Security Options (Fixed Lock, Rotating Lock, No Lock)
- Tailorable to your specific application

Custom Assembly

We produce standard components to fit your current assemblies and devices, but we also provide custom solutions by applying a variety of assembly options, such as joining fittings, connectors, filters, and other components to tubing. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.

MTLL210 (-1 -2 -3 -4 -5 -06 -6005 -6012 -07 -9 -9002 -J1A)
Male Luer Integral Lock Ring to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

MTLL410 (-1 -6005 -9 -9002 -J1A)
Male Luer Integral Lock Ring to 400 Series Barb, 1/16" (1.6 mm) ID Tubing

MTLL004 (-1 -2 -3 -4 -5 -06 -6005 -07 -9 -9002)
Male Luer Integral Lock Ring to 500 Series Barb, 1/16" (1.6 mm) ID Tubing

MTLL220 (-1 -2 -3 -4 -5 -06 -6005 -6012 -07 -9 -9002 -J1A)
Male Luer Integral Lock Ring to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

MTLL420 (-1 -6005 -9 -9002 -J1A)
Male Luer Integral Lock Ring to 400 Series Barb, 3/32" (2.4 mm) ID Tubing

MTLL007 (-1 -2 -3 -4 -5 -6005 -06 -07 -9 -9002)
Male Luer Integral Lock Ring to 500 Series Barb, 3/32" (2.4 mm) ID Tubing

MTLL230 (-1 -2 -3 -4 -5 -06 -6005 -6012 -07 -9 -9002 -J1A -CM550)
Male Luer Integral Lock Ring to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

MTLL430 (-1 -3 -6005 -9 -9002 -J1A)
Male Luer Integral Lock Ring to 400 Series Barb, 1/8" (3.2 mm) ID Tubing

MTLL013 (-1 -2 -3 -4 -5 -06 -6005 -07 -9 -9002)
Male Luer Integral Lock Ring to 500 Series Barb, 1/8" (3.2 mm) ID Tubing

MTLL240 (-1 -2 -3 -4 -5 -6005 -6012 -06 -07 -9 -9002 -J1A)
Male Luer Integral Lock Ring to 200 Series Barb, 5/32" (4.0 mm) ID Tubing

MTLL025 (-1 -2 -3 -4 -5 -6005 -06 -07 -9 -9002)
Male Luer Integral Lock Ring to 500 Series Barb, 5/32" (4.0 mm) ID Tubing

MTLL445 (-1 -6005 -9 -9002 -J1A)
Male Luer Integral Lock Ring to 400 Series Barb, .170" (4.3 mm) ID Tubing

MTLL250 (-1 -2 -3 -4 -5 -06 -6005 -07 -8003 -9 -9002 -J1A)
Male Luer Integral Lock Ring to 200 Series Barb, 3/16" (4.8 mm) ID Tubing

MTLL450 (-1 -6005 -9 -9002 -J1A)
Male Luer Integral Lock Ring to 400 Series Barb, 3/16" (4.8 mm) ID Tubing

MTLL035 (-1 -2 -3 -4 -5 -06 -6005 -07 -9 -9002)
Male Luer Integral Lock Ring to 500 Series Barb, 3/16" (4.8 mm) ID Tubing

MTLL360 (-1 -2 -6005 -6012 -9 -9002 -J1A)
Male Luer Integral Lock Ring to 300 Series Barb, 1/4" (6.4 mm) ID Tubing

MTLL055 (-1 -2 -3 -4 -06 -6005 -07 -9 -9002)
Male Luer Integral Lock Ring to 500 Series Barb, 1/4" (6.4 mm) ID Tubing

Part Drawings Online!

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings.
www.nordsonmedical.com

MALE LUER:
Slip, or for use with Lock Ring

FSLLR (-1 -2 -3 -4 -5 -06 -6005 -6012 -07 -9 -9002)
Finger Snap Luer Lock Ring

MLRL004 (-1 -6005 -9)
Male Luer to 500 Series Barb, 1/16" (1.6 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)

MLSL004 (-1 -6005 -9)
Male Luer to 500 Series Barb, 1/16" (1.6 mm) ID Tubing (May be used with separate stationary lock ring; FSLLR)

MLRL007 (-1 -6005 -6012 -9)
Male Luer to 500 Series Barb, 3/32" (2.4 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)

MLSL007 (-1 -6005 -9)
Male Luer to 500 Series Barb, 3/32" (2.4 mm) ID Tubing (May be used with separate stationary lock ring; FSLLR)

MLRL013 (-1 -6005 -6012 -9)
Male Luer to 500 Series Barb, 1/8" (3.2 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)

MLSL013 (-1 -6005 -9)
Male Luer to 500 Series Barb, 1/8" (3.2 mm) ID Tubing (May be used with separate stationary lock ring; FSLLR)

MLRL025 (-1 -6005 -6012 -9)
Male Luer to 500 Series Barb, 5/32" (4.0 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)

MLSL025 (-1 -6005 -9)
Male Luer to 500 Series Barb, 5/32" (4.0 mm) ID Tubing (May be used with separate stationary lock ring; FSLLR)

MLRL035 (-1 -6005 -6012 -9 -9002)
Male Luer to 500 Series Barb, 3/16" (4.8 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)

MLSL035 (-1 -6005 -9)
Male Luer to 500 Series Barb, 3/16" (4.8 mm) ID Tubing (May be used with separate stationary lock ring; FSLLR)

MLRL055 (-1 -6005 -9)
Male Luer to 500 Series Barb, 1/4" (6.4 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)

MLSL055 (-1 -6005 -9)
Male Luer to 500 Series Barb, 1/4" (6.4 mm) ID Tubing (May be used with separate stationary lock ring; FSLLR)

It's a Lock with Nordson MEDICAL!

Our MLRL and MLSL Series of fittings can be used both as a slip luer or as a locking luer with the addition of our FSLLR luer lock ring, which allows color coding without flow path contact. Our MLSL/FSLLR combination results in a stationary lock ring. Use a combination of MLRL and FSLLR to create a color coded rotating lock ring.

MALE LUER:
Slip

MTLS210 (-1 -6005 -9 -J1A)
Male Luer Slip to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

MSL004 (-1 -6005 -9 -9002)
Male Luer Slip to 500 Series Barb, 1/16" (1.6 mm) ID Tubing

MTLS220 (-1 -3 -5 -6005 -6012 -81 -9 -J1A)
Male Luer Slip to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

MSL007 (-1 -6005 -9 -9002)
Male Luer Slip to 500 Series Barb, 3/32" (2.4 mm) ID Tubing

MTLS230 (-1 -3 -5 -6005 -81 -9 -9002 -J1A)
Male Luer Slip to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

MSL013 (-1 -6005 -9 -9002)
Male Luer Slip to 500 Series Barb, 1/8" (3.2 mm) ID Tubing

MTLS240 (-1 -2 -5 -6005 -81 -9 -J1A)
Male Luer Slip to 200 Series Barb, 5/32" (4.0 mm) ID Tubing

MSL025 (-1 -6005 -9 -9002)
Male Luer Slip to 500 Series Barb, 5/32" (4.0 mm) ID Tubing

MSL035 (-1 -6005 -9 -9002 -J1A)
Male Luer Slip to 500 Series Barb, 3/16" (4.8 mm) ID Tubing

MSL055 (-1 -6005 -9 -9002)
Male Luer Slip to 500 Series Barb, 1/4" (6.4 mm) ID Tubing

FEMALE LUER:
Thread Style

FTLL210 (-1 -2 -3 -4 -5 -6005 -6012 -9 -9002 -J1A)
Female Luer Thread Style to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

FTLL410 (-1 -6005 -9 -9002 -J1A)
Female Luer Thread Style to 400 Series Barb, 1/16" (1.6 mm) ID Tubing

FTLL004 (-1 -2 -3 -4 -5 -06 -6005 -07 -9 -9002 -J1A)
Female Luer Thread Style to 500 Series Barb, 1/16" (1.6 mm) ID Tubing

FTLL220 (-1 -2 -3 -5 -6005 -6012 -9 -9002 -J1A)
Female Luer Thread Style to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

FTLL420 (-1 -6005 -9 -9002 -J1A)
Female Luer Thread Style to 400 Series Barb, 3/32" (2.4 mm) ID Tubing

FTLL007 (-1 -2 -3 -4 -5 -06 -6005 -07 -9 -9002)
Female Luer Thread Style to 500 Series Barb, 3/32" (2.4 mm) ID Tubing

FTLL230 (-1 -2 -3 -5 -6005 -6012 -9 -9002 -J1A -CM550)
Female Luer Thread Style to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

FTLL430 (-1 -6005 -9 -9002 -J1A)
Female Luer Thread Style to 400 Series Barb, 1/8" (3.2 mm) ID Tubing

FTLL013 (-1 -2 -3 -4 -5 -06 -6005 -07 -9 -9002)
Female Luer Thread Style to 500 Series Barb, 1/8" (3.2 mm) ID Tubing

FEMALE LUER:
Thread Style

FTLL240 (-1 -2 -3 -5 -6005 -6012 -9 -9002 -J1A)
Female Luer Thread Style to 200 Series Barb, 5/32" (4.0 mm) ID Tubing

FTLL025 (-1 -2 -3 -4 -5 -06 -6005 -07 -9 -9002)
Female Luer Thread Style to 500 Series Barb, 5/32" (4.0 mm) ID Tubing

FTLL445 (-1 -6005 -9 -9002 -J1A)
Female Luer Thread Style to 400 Series Barb, .170" (4.3 mm) ID Tubing

FTLL250 (-1 -3 -5 -6005 -9 -9002 -J1A)
Female Luer Thread Style to 200 Series Barb, 3/16" (4.8 mm) ID Tubing

FTLL450 (-1 -6005 -9 -9002 -J1A)
Female Luer Thread Style to 400 Series Barb, 3/16" (4.8 mm) ID Tubing

FTLL035 (-1 -2 -3 -4 -5 -06 -6005 -07 -9 -9002 -J1A)
Female Luer Thread Style to 500 Series Barb, 3/16" (4.8 mm) ID Tubing

FTLL360 (-1 -3 -5 -6005 -6012 -9 -9002 -J1A)
Female Luer Thread Style to 300 Series Barb, 1/4" (6.4 mm) ID Tubing

FTLL055 (-1 -2 -3 -4 -5 -06 -6005 -07 -9 -9002)
Female Luer Thread Style to 500 Series Barb, 1/4" (6.4 mm) ID Tubing

FEMALE LUER:
Smooth Bore Thread Style

FTLLSB004 (-1 -6005 -9)
Female Luer Thread Style Smooth Bore to 500 Series Barb, 1/16" (1.6 mm) ID Tubing

FTLLSB007 (-1 -4 -6005 -9)
Female Luer Thread Style Smooth Bore to 500 Series Barb, 3/32" (2.4 mm) ID Tubing

FTLLSB013 (-1 -6005 -9)
Female Luer Thread Style Smooth Bore to 500 Series Barb, 1/8" (3.2 mm) ID Tubing

Why Choose a Smooth Bore?

Our Smooth Bore Luers have a smooth inner transition providing for easy insertion of guide wires, probes and other devices.

FEMALE LUER:
Lug Style

FTL10 (-1 -6005 -9 -J1A)
Female Luer Lug Style to Classic Series Barb, 1/16" (1.6 mm) ID Tubing

FTL210 (-1 -6005 -9 -J1A)
Female Luer Lug Style to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

FTL20 (-1 -6005 -07 -81 -9 -J1A)
Female Luer Lug Style to Classic Series Barb, 3/32" (2.4 mm) ID Tubing

FTL220 (-1 -3 -5 -6005 -6012 -9 -J1A)
Female Luer Lug Style to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

FTL30 (-1 -6005 -6012 -9 -J1A)
Female Luer Lug Style to Classic Series Barb, 1/8" (3.2 mm) ID Tubing

LUER FITTINGS

FEMALE LUER:
Lug Style

FTL230 (-1 -3 -5 -6005 -9 -J1A)
Female Luer Lug Style to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

FTL240 (-1 -6005 -9 -J1A)
Female Luer Lug Style to 200 Series Barb, 5/32" (4.0 mm) ID Tubing

LUER:
Adapters, Couplers, and Lock Rings

FSLLR (-1 -2 -3 -4 -5 -06 -6005 -6012 -07 -9 -9002)
Finger Snap Luer Lock Ring

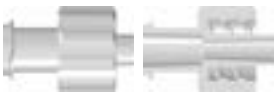
MLRLC (-1 -6005 -9)
Male Luer Coupler (May be used with separate rotating lock rings; FSLLR)

MTLCS (-1 -6005 -9 -J1A)
Male Luer Slip Coupler

FTLLC (-1 -6005 -9 -9002 -J1A)
Female Luer Thread Style Coupler

FTLC (-1 -6005 -9 -9002 -J1A)
Female Luer Lug Style Coupler

LC34 (-1 -6005 -9 -9002 -J1A)
Male Luer Integral Lock Ring to Female Luer Thread Style Coupler



LC78 (-1 -6005 -9 -9002 -J1A)
Male Luer to Female Luer Thread Style Coupler (May be used with separate rotating lock ring; FSLLR)

LT878 (-1 -6005 -9 -9002)
Female Luer Thread Style (2) to Male Luer Tee (May be used with separate rotating lock ring; FSLLR)

LT787 (-1 -6005 -8012 -9 -9002)
Male Luer (2) to Female Luer Thread Style Tee (May be used with separate rotating lock ring; FSLLR)

FTLT (-1 -6005 -9 -J1A)
Female Luer Lug Style Tee

FTLLE (-1 -6005 -9 -J1A)
Female Luer Thread Style Elbow

FTLE (-1 -6005 -9 -J1A)
Female Luer Lug Style Elbow

LE87 (-1 -6005 -8003 -9 -9002)
Male Luer to Female Luer Thread Style Elbow (May be used with separate rotating lock ring; FSLLR)

LE7220 (-1 -2 -9 -6012)
Male Luer to 200 Series Barb Elbow, 3/32" (2.4 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)

LUER:
Adapters, Couplers, and Lock Rings

LE7230 (-1 -2 -6005 -6012 -9 -9010)
Male Luer to 200 Series Barb Elbow 1/8" (3.2 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)

CA091 (-001) Gamma Stable Polycarbonate
Male Luer Elbow to 3/16" Classic Series Barb, (CF361-9002) with Rotating Lock Ring (FSLLR-9002)

LUER:
Plugs and Caps

MTLLP (-1 -2 -3 -6005 -6012 -07 -9 -J1A)
Male Luer Integral Lock Ring Plug, Closed at Luer Tip

LP4 (-1 -2 -3 -4 -5 -6005 -9 -9002 -J1A)
Male Luer Integral Lock Ring Plug, Closed at Grip

VLP4 (-1 -3 -6005 -81 -J1A)
Male Luer Integral Lock Ring Vented Plug, Closed at Grip

MLRLP (-1 -6005 -9)
Male Luer Plug (May be used with separate rotating lock ring; FSLLR)

MLSLP (-1 -6005 -9)
Male Luer Plug (May be used with separate stationary lock ring; FSLLR)

MTLP (-1 -6005 -9 -J1A)
Male Luer Plug, Closed at Tether Loop (May be used with separate stationary lock ring; MLLR)

MTLSP (-1 -6005 -81 -9 -J1A)
Male Luer Slip Plug, Closed at Grip

FTLP (-1 -6005 -9 -J1A)
Female Luer Lug Style Cap with Tether Loop

FTLLP (-1 -2 -3 -5 -6005 -6012 -07 -81 -9 -9002 -J1A)
Female Luer Thread Style Cap

LP34 (-1 -3 -5 -6005 -9 -9002 -J1A)
Male Luer Integral Lock Ring to Female Luer Thread Style Plug

Need Samples for Evaluation?

You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.
+1 (970) 267-5200 Toll Free: (888) 404-5837

Need it Fast?

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www.nordsonmedical.com

ABSML-6005 UNDER (-1 -2 -3 -4 -5 -06 -07 -6012)
Male Luer with Rotating Lock Ring and 5/16" Hex to 1/4-28 UNF Bottom Sealing Thread

ABSML-J1A UNDER (-1 -2 -3 -4 -5 -06 -07)
Male Luer with Rotating Lock Ring and 5/16" Hex to 1/4-28 UNF Bottom Sealing Thread

XMTLL (-1 -6005 -9 -J1A)
Male Luer Integral Lock Ring to 10-32 Special Tapered Thread

SMTLL (-1 -6005 -6012 -9 -J1A)
Male Luer Integral Lock Ring to 1/4-28 UNF Thread

18MTLL (-1 -2 -6005 -6012 -J1A)
Male Luer Integral Lock Ring with 7/16" Hex to 1/8-27 NPT Thread

14MTLL (-1 -2 -6005 -6012)
Male Luer Integral Lock Ring with 9/16" Hex to 1/4-18 NPT Thread

XMLRL (-1 -6005 -9 -9002)
Male Luer with 1/4" Hex to 10-32 Special Tapered Thread (May be used with separate rotating lock ring; FSLLR)

SMLRL (-1 -6005 -9 -J1A)
Male Luer with 5/16" Hex to 1/4-28 UNF Thread (May be used with separate rotating lock ring; FSLLR)

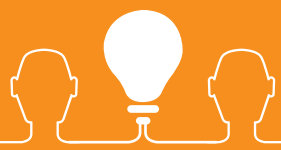
BSMLRL (-6005 -J1A)
Male Luer with 5/16" Hex to 1/4-28 Bottom-Sealing Thread (May be used with separate rotating lock ring; FSLLR)

Looking for Something Different?

Most of our best product ideas have come from you, our customers. While we pride ourselves on our extensive product offering, we recognize that your needs are ever-changing and that our products, too, must adapt to your needs.

If there's a new product you think Nordson MEDICAL should make, please send us an Email at **designcenter@nordsonmedical.com** describing your product concept in as much detail as you desire. We will contact you with any questions, and who knows - the next catalog edition could include products YOU told us to build.

See page 14 for more information on the Design Center!



Need More Details?

Part drawings, minimum order quantities, and CAD requests can be found online. Visit **www.nordsonmedical.com** or contact Sales at **sales@nordsonmedical.com**.

LUER TO THREAD:
Female

XFTLL (-1 -6005 -9 -J1A)
Female Luer Thread Style with 1/4" Hex to 10-32 Special Tapered Thread

KFTLL (-1 -6005 -9 -J1A)
Female Luer Thread Style with 1/4" Hex to 10-32 UNF Thread

SFTLL (-1 -2 -4 -06 -6005 -6012 -9 -J1A)
Female Luer Thread Style with 5/16" Hex to 1/4-28 UNF Thread

BSFTLL (-1 -6005 -J1A)
Female Luer Thread Style with 5/16" Hex to 1/4-28 UNF Bottom Sealing Thread

XFTL (-1 -6005 -9 -J1A)
Female Luer Lug Style with 1/4" Hex to 10-32 Special Tapered Thread

KFTL (-1 -6005 -9 -J1A)
Female Luer Lug Style with 1/4" Hex to 10-32 UNF Thread

SFTL (-1 -6005 -9)
Female Luer Lug Style with 5/16" Hex to 1/4-28 UNF Thread

18FTLL (-1 -6005 -6012 -J1A)
Female Luer Thread Style with 7/16" Hex to 1/8-27 NPT Thread

18LFTLL (-1 -4 -5 -6005 -6012 -J1A)
Female Luer Thread Style Elbow with 7/16" Hex to 1/8-27 NPT Thread

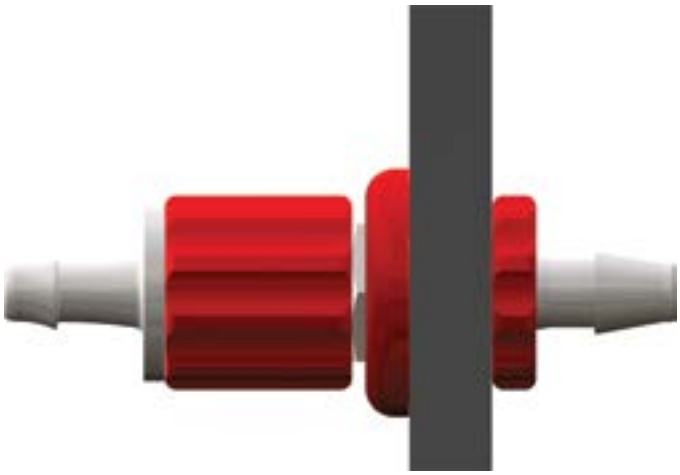
PANEL MOUNTS:
Female Thread Style

FTLLB210 (-1 -2 -6005 -9 -J1A)
Female Luer Thread Style Panel Mount 1/4-28 UNF to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

FTLLB220 (-1 -2 -6005 -9 -J1A)
Female Luer Thread Style Panel Mount 1/4-28 UNF to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

FTLLB230 (-1 -2 -6005 -9 -J1A)
Female Luer Thread Style Panel Mount 1/4-28 UNF to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

FTLLBMLRL (-1 -6005)
Female Luer Thread Style Panel Mount 1/4-28 UNF to Male Luer (May be used with separate rotating lock ring; FSLLR)



Fully Assembled Panel-Mounted Luer

Need More Details?

Additional threaded solutions are shown on **PG-88-97**. Check out all of our threaded style parts at **www.nordsonmedical.com** or contact Sales at **sales@nordsonmedical.com.**

Did You Know?

Nordson MEDICAL has an interactive PDF available online at **www.nordsonmedical.com**. Access part drawings, reference charts, data sheets, and more from just one location!

PANEL MOUNTS:
Female Lug Style and Male Luer

FTLB210 (-1 -6005 -9 -J1A)
Female Luer Lug Style Panel Mount 1/4-28 UNF to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

FTLB220 (-1 -6005 -9 -J1A)
Female Luer Lug Style Panel Mount 1/4-28 UNF to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

FTLB230 (-1 -6005 -9 -J1A)
Female Luer Lug Style Panel Mount 1/4-28 UNF to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

MLRLB210 (-1 -6005)
Male Luer Panel Mount 10-32 UNF to 200 Series Barb, 1/16" (1.6 mm) ID Tubing, (May be used with separate rotating lock ring; FSLLR)

MLRLB220 (-1 -6005)
Male Luer Panel Mount 10-32 UNF to 200 Series Barb, 3/32" (2.4 mm) ID Tubing, (May be used with separate rotating lock ring; FSLLR)

MLRLB230 (-1 -6005)
Male Luer Panel Mount 1/4-28 UNF to 200 Series Barb, 1/8" (3.2 mm) ID Tubing, (May be used with separate rotating lock ring; FSLLR)

PANEL MOUNT ACCESSORIES:
Lock Nuts and Color Coding Rings

CCR (-1 -2 -3 -4 -5 -06 -07)
Color Coded Ring (For use with PMS, PMK, FTLLB or FTLB panel mount fittings)

CCLR (-1 -2 -3 -4 -5 -06 -07)
Color Coded Lock Ring (For use with PMS, PMK, FTLLB or FTLB panel mount fittings)

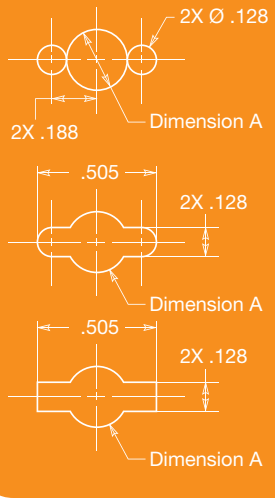
PMKN (-XO)
Panel Mount Nut 10-32 UNF with 3/8" Hex (For use with PMK panel mount fittings)

PMSN (-XO)
Panel Mount Nut 1/4-28 UNF with 7/16" Hex (For use with PMS, FTLB, and FTLLB panel mount fittings)

LNS (-1 -2 -3 -4 -5 -06 -07 -6005 -81 -J1A)
1/4-28 UNF Panel Mount Lock Nut (For use with PMS, FTLLB or FTLB panel mount fittings)

Select the Correct Lock Nut for Your Panel Mount:

PART	Dimension A	Use Lock Nut
FTLLB Series	.255"	PMSN or LNS
FTLB Series	.255"	PMSN or LNS
FTLLBMLRL	.255"	PMSN or LNS
MLRLB210	.193"	PMKN
MLRLB220	.193"	PMKN
MLRLB230	.255"	PMSN or LNS



BLOOD PRESSURE

Fittings

BPF Series Female Bayonet Style Quick Connects
PG-68

Bayonet Male Cuff Connectors
PG-69

5 COMPLIANT

Bayonet Panel Mount Connectors
PG-69

Dinamap® Monitor Adapters
PG-69

Dinamap® Cuff Connectors
PG-70

BPL Series 1/4 Turn Cuff Connectors
PG-71

BPFSeries

Blood Pressure Fittings

The BPF Series features an ergonomic design for simple one-handed operation. Easy to connect and disconnect to existing tubing, many locations are replacing their metal bayonet connectors with these light weight connectors. The BPF Series also works well with the new ISO 80369-5 limb cuff Inflation standard compliant parts. The standard defines the bayonet as the only approved design.

BPF SERIES:
Female Bayonet Style Quick Connect

BPF220 (-001) Black ABS Housing
Bayonet-Style Female Quick Connect Fitting, 200 Series Barb, 3/32" (2.4 mm) ID Tubing

works with...

BPM013
BPM240
BPM025
BPM035
BPMMTLL
BPMB230
BPMB240
BPMB250
BPAM

BPF230 (-001) Black ABS Housing
Bayonet-Style Female Quick Connect Fitting, 200 Series Barb, 1/8" (3.2 mm) ID Tubing

works with...

BPM013
BPM240
BPM025
BPM035
BPMMTLL
BPMB230
BPMB240
BPMB250
BPAM

BPF240 (-001) Black ABS Housing
Bayonet-Style Female Quick Connect Fitting, 200 Series Barb, 5/32" (4.0 mm) ID Tubing

works with...

BPM013
BPM240
BPM025
BPM035
BPMMTLL
BPMB230
BPMB240
BPMB250
BPAM

BPF250 (-001) Black ABS Housing
Bayonet-Style Female Quick Connect Fitting, 200 Series Barb, 3/16" (4.8 mm) ID Tubing

works with...

BPM013
BPM240
BPM025
BPM035
BPMMTLL
BPMB230
BPMB240
BPMB250
BPAM

BLOOD PRESSURE:
Bayonet Male Cuff Connectors

BPM013 (-1)
Blood Pressure Monitor Bayonet Connector to 500 Series Barb, 80369-5 Compliant, 1/8" (3.2 mm) ID Tubing

5 COMPLIANT

BPM240 (-1)
Blood Pressure Monitor Bayonet Connector to 200 Series Barb, 80369-5 Compliant, 5/32" (4.0 mm) ID Tubing

5 COMPLIANT

BPM025 (-1)
Blood Pressure Monitor Bayonet Connector to 500 Series Barb, 80369-5 Compliant, 5/32" (4.0 mm) ID Tubing

5 COMPLIANT

BPM035 (-1)
Blood Pressure Monitor Bayonet Connector to 500 Series Barb, 80369-5 Compliant, 3/16" (4.8 mm) ID Tubing

5 COMPLIANT

BPMMTLL (-1 -5)
Blood Pressure Monitor Bayonet Connector to Male Luer Integral Lock Ring

works with...

BLOOD PRESSURE:
Bayonet Panel Mount Connectors

BPMB230 (-1)
Blood Pressure Monitor Bayonet Panel Mount Connector to 200 Series Barb, 1/4-28 UNF Thread, 1/8" (3.2 mm) ID Tubing

works with...

BPMB240 (-1)
Blood Pressure Monitor Bayonet Panel Mount Connector to 200 Series Barb, 5/16-24 UNF Thread, 5/32" (4.0 mm) ID Tubing

works with...

BPMB250 (-1)
Blood Pressure Monitor Bayonet Panel Mount Connector to 200 Series Barb, 3/8-24 UNF Thread, 3/16" (4.8 mm) ID Tubing

works with...

BLOOD PRESSURE:
Panel Mount Nuts

PMSN (-XO)
Panel Mount Nut 1/4-28 UNF with 7/16" Hex (For use with BPMB230)

PM3N (-XO)
Panel Mount Nut 5/16-24 UNF Zinc-Plated Class 2 Steel Nut (For use with BPMB240)

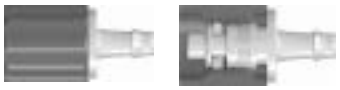
PM2N (-XO)
Panel Mount Nut 3/8-24 UNF Zinc-Plated Class 2 Steel Nut (For use with BPMB250)

BLOOD PRESSURE:
Dinamap® Monitor Adapters

BPAM (-001) Black Nylon over White Nylon
Blood Pressure Monitor Bayonet Connector to Internal 5/16-24 UNF Thread and O-Ring

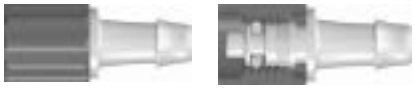
works with...

BPA013 (-001) Black Nylon over White Nylon
Blood Pressure Adapter with Internal 5/16-24 UNF Thread and O-Ring to 500 Series Barb, 1/8" (3.2 mm) ID Tubing

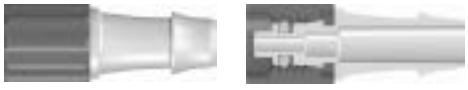


BPA025 (-001) Black Nylon over White Nylon
Blood Pressure Adapter with Internal 5/16-24 UNF Thread and O-Ring to 500 Series Barb, 5/32" (4.0 mm) ID Tubing

BPA035 (-001) Black Nylon over White Nylon
Blood Pressure Adapter with Internal 5/16-24 UNF Thread and O-Ring to 500 Series Barb, 3/16" (4.8 mm) ID Tubing



BPA055 (-001) Black Nylon over White Nylon
Blood Pressure Adapter with Internal 5/16-24 UNF Thread and O-Ring to 500 Series Barb, 1/4" (6.4 mm) ID Tubing



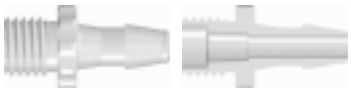
BPCL220 (-10 -81)
Blood Pressure Adapter with 5/16-24 UNF Thread and 6% Taper to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

BPC220 (-10)
Blood Pressure Adapter with 5/16-24 UNF Thread to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

BPCL230 (-10 -81)
Blood Pressure Adapter with 5/16-24 UNF Thread and 6% Internal Taper to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

BPC230 (-10)
Blood Pressure Adapter with 5/16-24 UNF Thread to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

BPCL240 (-10 -81)
Blood Pressure Adapter with 5/16-24 UNF Thread and 6% Internal Taper to 200 Series Barb, 5/32" (4.0 mm) ID Tubing



BPC240 (-10)
Blood Pressure Adapter with 5/16-24 UNF Thread to 200 Series Barb, 5/32" (4.0 mm) ID Tubing

BPCL025 (-10)
Blood Pressure Adapter with 5/16-24 UNF Thread 6% Internal Taper to 500 Series Barb, 5/32" (4.0 mm) ID Tubing

BPC025 (-10)
Blood Pressure Adapter with 5/16-24 UNF Thread to 500 Series Barb, 5/32" (4.0 mm) ID Tubing

BPCL250 (-10 -81)
Blood Pressure Adapter with 5/16-24 UNF Thread and 6% Internal Taper to 200 Series Barb, 3/16" (4.8 mm) ID Tubing

BPC250 (-10)
Blood Pressure Adapter with 5/16-24 UNF Thread to 200 Series Barb, 3/16" (4.8 mm) ID Tubing

CF229 (-1)
Neonatal Blood Pressure Slip Fit (non luer) with 200 Series Barb, 3/32" (2.4 mm) ID Tubing

CF230 (-1)
Neonatal Blood Pressure Slip Fit (non luer) with 200 Series Barb, 5/32" (4.0 mm) ID Tubing

Did You Know?

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BPLSeries

Blood Pressure Fittings

The BPL Series quick connect fittings offers superior ergonomics - a requirement for many designers in their effort to accommodate end users. The BPL's ease-of-use stems largely from a winged male fitting and Nordson MEDICAL's patented 10-point grip, making the quarter-turn connection simple and easy to accomplish. A solid snap, that can be both heard and felt, will then reassure the end user that a secure fit has been made.

Another unique characteristic of the BPL Series is the true tube stop on the rotating half of the two connectors. This allows tubing to be fully assembled onto the barb without its edge pushing against the body of the connector.

Features & Benefits:

Ergonomic Wing-Grip Design
- Easier to connect and disconnect than market similars
- 360° of tubing rotation

Quarter-Turn Design with Closure Feedback
- Positive reinforcement of secure connection

Sizes to Fit 1/8" (3.2 mm) and 5/32" (4.0 mm) ID tubing
- Fits almost all cuffs
- 5/32" hose barb perfectly fits most common cuff tube size

200 Series Single Barbs
- Ease of assembly
- Enhanced resistance to tube pulloff

Medical Grade ABS Material (Fluid Path)
- Withstands bulk sterilization processes
- Holds up under demanding application conditions

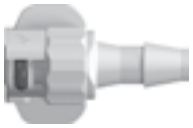
Acetal (Wing-Grip Shroud)
- Added strength

BPLF230 (-8012)
Quarter-turn Female Blood Pressure Cuff Connector to 200 Series Barb, 1/8" (3.2 mm) Tubing ID

BPLF240 (-8012)
Quarter-turn Female Blood Pressure Cuff Connector to 200 Series Barb, 5/32" (4.0 mm) Tubing ID

BPLM230 (-001) White ABS, White Acetal, Buna-N O-Ring
Quarter-turn Male Blood Pressure Cuff Connector to 200 Series Barb, 1/8" (3.2 mm) Tubing ID

BPLM240 (-001) White ABS, White Acetal, Buna-N O-Ring
Quarter-turn Male Blood Pressure Cuff Connector to 200 Series Barb, 5/32" (4.0 mm) Tubing ID



BLOOD PRESSURE

Need Samples for Evaluation?

You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.
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Part Drawings Online!

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings.
www.nordsonmedical.com

TUBE-TO-TUBE

Connectors

Straight Throughs **PG-73**

Straight Through Reducers **PG-75**

Elbows **PG-78**

Elbow Reducers **PG-79**

Tees **PG-80**

Tee Reducers **PG-81**

Ys **PG-83**

Multiports **PG-84**

Press-In Plugs **PG-86**

Ultrasonically Weldable Barbs **PG-87**

Panel Mounts & Accessories **PG-87**

Nordson MEDICAL offers barbed tube fittings and tubing connectors in sizes ranging from 1/16" (1.6 mm) to 1" (25.4 mm) tubing ID in over 100 separate configurations in nylon, polypropylene, polycarbonate and PVDF, with other engineering resins available on special order. Available barbed fitting styles include straight tube connectors, elbow fittings, tee fittings, crosses, Y (wye) connectors, multi-port connectors, and multiple straight, elbow and tee reducer combinations.

Several barb styles are offered to provide designers the widest range of assembly forces, pulloff resistance and blowoff resistance – without the need for clamps. Review the descriptions for each of the styles to determine what's best for your application.

Small Bore Barb Styles

Tube ID		Classic	200 Series	400 Series	500 Series
1/16"	(1.6 mm)	X	X	X	X
3/32"	(2.4 mm)	X	X	X	X
1/8"	(3.2 mm)	X	X	X	X
5/32"	(4.0 mm)	X	X	X	X
3/16"	(4.8 mm)	X	X	X	X
1/4"	(6.4 mm)	X	X	X	X
5/16"	(8.0 mm)				X

Large Bore Barb Styles

Tube ID		500 Series	600 Series	900 Series
3/8"	(9.5 mm)	X	X	X
1/2"	(12.7 mm)	X	X	X
5/8"	(16.0 mm)	X	X	
3/4"	(19.0 mm)	X	X	
1"	(25.4 mm)	X	X	

AA (-1 -2 -6005 -9 -J1A)
Straight Through Connector with Classic Series Barbs, 1/16" (1.6 mm) ID Tubing

N210 (-1 -2 -6005 -9 -J1A)
Straight Through Connector with 200 Series Barbs, 1/16" (1.6 mm) ID Tubing

N410 (-1 -2 -6005 -J1A)
Straight Through Connector with 400 Series Barbs, 1/16" (1.6 mm) ID Tubing

N004 (-1 -2 -6005 -9 -J1A)
Straight Through Connector with 500 Series Barbs, 1/16" (1.6 mm) ID Tubing

DD (-1 -2 -6005 -9 -J1A)
Straight Through Connector with Classic Series Barbs, 3/32" (2.4 mm) ID Tubing

N220 (-1 -2 -6005 -9 -9002 -J1A)
Straight Through Connector with 200 Series Barbs, 3/32" (2.4 mm) ID Tubing

N420 (-1 -2 -6005 -J1A)
Straight Through Connector with 400 Series Barbs, 3/32" (2.4 mm) ID Tubing

N007 (-1 -2 -6005 -9 -J1A)
Straight Through Connector with 500 Series Barbs, 3/32" (2.4 mm) ID Tubing

CC (-1 -2 -6005 -9 -J1A)
Straight Through Connector with Classic Series Barbs, 1/8" (3.2 mm) ID Tubing

N230 (-1 -2 -3 -5 -6005 -9 -J1A)
Straight Through Connector with 200 Series Barbs, 1/8" (3.2 mm) ID Tubing

N430 (-1 -2 -6005 -J1A)
Straight Through Connector with 400 Series Barbs, 1/8" (3.2 mm) ID Tubing

N013 (-1 -2 -6005 -9 -J1A -9002)
Straight Through Connector with 500 Series Barbs, 1/8" (3.2 mm) ID Tubing

4040 (-1 -2 -6005 -9 -J1A)
Straight Through Connector with Classic Series Barbs, 5/32" (4.0 mm) ID Tubing

N440 (-1 -2 -5 -6005 -9 -J1A)
Straight Through Connector with 400 Series Barbs, 5/32" (4.0 mm) ID Tubing

N025 (-1 -2 -6005 -9 -J1A)
Straight Through Connector with 500 Series Barbs, 5/32" (4.0 mm) ID Tubing

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TUBE-TO-TUBE:
Straight Through

5050 (-1 -2 -6005 -9 -9002 -J1A)
Straight Through Connector with Classic Series Barbs, 3/16" (4.8 mm) ID Tubing

N035 (-1 -2 -6005 -9 -J1A)
Straight Through Connector with 500 Series Barbs, 3/16" (4.8 mm) ID Tubing

6060 (-1 -2 -6005 -9 -9002 -J1A)
Straight Through Connector with Classic Series Barbs, 1/4" (6.4 mm) ID Tubing

N055 (-1 -2 -6005 -9 -J1A)
Straight Through Connector with 500 Series Barbs, 1/4" (6.4 mm) ID Tubing

N065 (-1 -2 -6005 -9 -J1A)
Straight Through Connector with 500 Series Barbs, 5/16" (8 mm) ID Tubing

Part Drawings Online!

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings.
www.nordsonmedical.com

LARGE TUBE-TO-TUBE:
Straight Through

Reference part shown: N670

Due to size we are not able to display all large Tube-To-Tube connectors. Please see **www.nordsonmedical.com** for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

N070 (-0 -6005 -9)
Straight Through Connector with 500 Series Barbs, 3/8" (9.5 mm) ID Tubing

N670 (-6005 -9 -J1A)
Straight Through Connector with 600 Series Barbs, 3/8" (9.5 mm) ID Tubing

N970 (-9)
Straight Through Connector with 900 Series Barbs, 3/8" (9.5 mm) ID Tubing

N080 (-0 -6005 -9)
Straight Through Connector with 500 Series Barbs, 1/2" (12.7 mm) ID Tubing

N680 (-6005 -9 -J1A)
Straight Through Connector with 600 Series Barbs, 1/2" (12.7 mm) ID Tubing

N975 (-9)
Straight Through Connector with 900 Series Barbs, 1/2" (12.7 mm) ID Tubing

N090 (-0 -6005 -9)
Straight Through Connector with 500 Series Barbs, 5/8" (16.0 mm) ID Tubing

N690 (-0 -6005 -9)
Straight Through Connector with 600 Series Barbs, 5/8" (16.0 mm) ID Tubing

N100 (-0 -6005)
Straight Through Connector with 500 Series Barbs, 3/4" (19.0 mm) ID Tubing

N6100 (-6005)
Straight Through Connector with 600 Series Barbs, 3/4" (19.0 mm) ID Tubing

N110 (-0 -6005)
Straight Through Connector with 500 Series Barbs, 1" (25.4 mm) ID Tubing

N6110 (-6005)
Straight Through Connector with 600 Series Barbs, 1" (25.4 mm) ID Tubing

AD (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with Classic Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing

DC (-1 -2 -6005 -9)
Straight Through Reduction Connector with Classic Series Barbs, 1/8" (3.2 mm) and 3/32" (2.4 mm) ID Tubing

N220/210 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with 200 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing

N230/220 (-1 -2 -6005 -07 -9 -J1A)
Straight Through Reduction Connector with 200 Series Barbs, 1/8" (3.2 mm) and 3/32" (2.4 mm) ID Tubing

N420/410 (-1 -2 -6005 -10 -J1A)
Straight Through Reduction Connector with 400 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing

N430/420 (-1 -2 -6005 -6012 -J1A)
Straight Through Reduction Connector with 400 Series Barbs, 1/8" (3.2 mm) and 3/32" (2.4 mm) ID Tubing

N007/004 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with 500 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing

N013/007 (-1 -2 -6005 -6012 -9 -9002 -J1A)
Straight Through Reduction Connector with 500 Series Barbs, 1/8" (3.2 mm) and 3/32" (2.4 mm) ID Tubing

AC (-0 -1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with Classic Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing

1040 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with Classic Series Barbs, 5/32" (4.0 mm) and 1/16" (1.6 mm) ID Tubing

N230/210 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with 200 Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing

N025/004 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with 500 Series Barbs, 5/32" (4.0 mm) and 1/16" (1.6 mm) ID Tubing

N430/410 (-1 -2 -6005 -J1A)
Straight Through Reduction Connector with 400 Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing

2040 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with Classic Series Barbs, 5/32" (4.0 mm) and 3/32" (2.4 mm) ID Tubing

N013/004 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with 500 Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing

N025/007 (-1 -2 -6005 -6012 -9 -J1A)
Straight Through Reduction Connector with 500 Series Barbs, 5/32" (4.0 mm) and 3/32" (2.4 mm) ID Tubing

TUBE-TO-TUBE:
Straight Through Reducer

3040 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with Classic Series Barbs, 5/32" (4.0 mm) and 1/8" (3.2 mm) ID Tubing

N025/013 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with 500 Series Barbs, 5/32" (4.0 mm) and 1/8" (3.2 mm) ID Tubing

1050 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with Classic Series Barbs, 3/16" (4.8 mm) and 1/16" (1.6 mm) ID Tubing

2050 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with Classic Series Barbs, 3/16" (4.8 mm) and 3/32" (2.4 mm) ID Tubing

N035/007 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with 500 Series Barbs, 3/16" (4.8 mm) and 3/32" (2.4 mm) ID Tubing

3050 (-1 -2 -5 -6005 -81 -9 -9002 -J1A)
Straight Through Reduction Connector with Classic Series Barbs, 3/16" (4.8 mm) and 1/8" (3.2 mm) ID Tubing

N035/013 (-1 -2 -6005 -81 -9 -J1A)
Straight Through Reduction Connector with 500 Series Barbs, 3/16" (4.8 mm) and 1/8" (3.2 mm) ID Tubing

4050 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with Classic Series Barbs, 3/16" (4.8 mm) and 5/32" (4.0 mm) ID Tubing

N035/025 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with 500 Series Barbs, 3/16" (4.8 mm) and 5/32" (4.0 mm) ID Tubing

3060 (-1 -2 -6005 -9 -J1A -J1A2)
Straight Through Reduction Connector with Classic Series Barbs, 1/4" (6.4 mm) and 1/8" (3.2 mm) ID Tubing

N055/013 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with 500 Series Barbs, 1/4" (6.4 mm) and 1/8" (3.2 mm) ID Tubing

4060 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with Classic Series Barbs, 1/4" (6.4 mm) and 5/32" (4.0 mm) ID Tubing

N055/025 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with 500 Series Barbs, 1/4" (6.4 mm) and 5/32" (4.0 mm) ID Tubing

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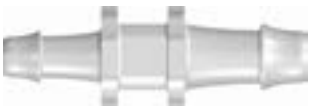
5060 (-1 -2 -6005 -9 -9002 -J1A)
Straight Through Reduction Connector with Classic Series Barbs, 1/4" (6.4 mm) and 3/16" (4.8 mm) ID Tubing

N055/035 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with 500 Series Barbs, 1/4" (6.4 mm) and 3/16" (4.8 mm) ID Tubing



N065/025 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with 500 Series Barbs, 5/16" (8.0 mm) and 5/32" (4.0 mm) ID Tubing

N065/035 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with 500 Series Barbs, 5/16" (8.0 mm) and 3/16" (4.8 mm) ID Tubing

N065/055 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with 500 Series Barbs, 5/16" (8.0 mm) and 1/4" (6.4 mm) ID Tubing

Reference part shown: N070/013

Due to size we are not able to display all large Tube-To-Tube connectors. Please see **www.nordsonmedical.com** for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

N070/013 (-0 -6005 -9 -9002 -J1A)
Straight Through Reduction Connector with 500 Series Barbs, 3/8" (9.5 mm) and 1/8" (3.2 mm) ID Tubing

N070/055 (-0 -6005 -9)
Straight Through Reduction Connector with 500 Series Barbs, 3/8" (9.5 mm) and 1/4" (6.4 mm) ID Tubing

N670/655 (-6005 -9 -J1A)
Straight Through Reduction Connector with 600 Series Barbs, 3/8" (9.5 mm) and 1/4" (6.4 mm) ID Tubing

N080/055 (-0 -6005 -9)
Straight Through Reduction Connector with 500 Series Barbs, 1/2" (12.7 mm) and 1/4" (6.4 mm) ID Tubing

N680/655 (-6005 -9 -J1A)
Straight Through Reduction Connector with 600 Series Barbs, 1/2" (12.7 mm) and 1/4" (6.4 mm) ID Tubing

N080/070 (-0 -6005 -9)
Straight Through Reduction Connector with 500 Series Barbs, 1/2" (12.7 mm) and 3/8" (9.5 mm) ID Tubing

N680/670 (-6005 -9)
Straight Through Reduction Connector with 600 Series Barbs, 1/2" (12.7 mm) and 3/8" (9.5 mm) ID Tubing

N090/055 (-0 -6005)
Straight Through Reduction Connector with 500 Series Barbs, 5/8" (16.0 mm) and 1/4" (6.4 mm) ID Tubing

N690/655 (-6005 -9)
Straight Through Reduction Connector with 600 Series Barbs, 5/8" (16.0 mm) and 1/4" (6.4 mm) ID Tubing

N090/070 (-0 -6005)
Straight Through Reduction Connector with 500 Series Barbs, 5/8" (16.0 mm) and 3/8" (9.5 mm) ID Tubing

N690/670 (-6005 -9)
Straight Through Reduction Connector with 600 Series Barbs, 5/8" (16.0 mm) and 3/8" (9.5 mm) ID Tubing

N6100/670 (-6005)
Straight Through Reduction Connector with 600 Series Barbs, 3/4" (19 mm) and 3/8" (9.5 mm) ID Tubing

N100/080 (-0 -6005)
Straight Through Reduction Connector with 500 Series Barbs, 3/4" (19.0 mm) and 1/2" (12.7 mm) ID Tubing

N6100/680 (-6005)
Straight Through Reduction Connector with 600 Series Barbs, 3/4" (19 mm) and 1/2" (12.7 mm) ID Tubing

N6110/680 (-6005)
Straight Through Reduction Connector with 600 Series Barbs, 1" (25.4 mm) and 1/2" (12.7 mm) ID Tubing

N110/100 (-0 -6005)
Straight Through Reduction Connector with 500 Series Barbs, 1" (25.4 mm) and 3/4" (19.0 mm) ID Tubing

N6110/6100 (-6005 -9)
Straight Through Reduction Connector with 600 Series Barbs, 1" (25.4 mm) and 3/4" (19.0 mm) ID Tubing

TUBE-TO-TUBE:
Elbow

L10 (-1 -2 -6005 -J1A)
Elbow Connector with Classic Series Barbs, 1/16" (1.6 mm) ID Tubing

L210 (-1 -2 -6005 -9 -J1A)
Elbow Connector with 200 Series Barbs, 1/16" (1.6 mm) ID Tubing

L410 (-1 -2 -6005 -J1A)
Elbow Connector with 400 Series Barbs, 1/16" (1.6 mm) ID Tubing

L20 (-1 -2 -6005 -J1A)
Elbow Connector with Classic Series Barbs, 3/32" (2.4 mm) ID Tubing

L220 (-1 -2 -6005 -6012 -9 -9002 -J1A)
Elbow Connector with 200 Series Barbs, 3/32" (2.4 mm) ID Tubing

L420 (-1 -2 -6005 -J1A)
Elbow Connector with 400 Series Barbs, 3/32" (2.4 mm) ID Tubing

L30 (-1 -2 -6005 -J1A)
Elbow Connector with Classic Series Barbs, 1/8" (3.2 mm) ID Tubing

L230 (-1 -2 -6005 -6012 -9 -J1A)
Elbow Connector with 200 Series Barbs, 1/8" (3.2 mm) ID Tubing

L430 (-1 -2 -6005 -J1A)
Elbow Connector with 400 Series Barbs, 1/8" (3.2 mm) ID Tubing

L40 (-1 -2 -6005 -J1A)
Elbow Connector with Classic Series Barbs, 5/32" (4.0 mm) ID Tubing

L440 (-2)
Elbow Connector with 400 Series Barbs, 5/32" (4.0 mm) ID Tubing

L50 (-1 -2 -6005 -J1A)
Elbow Connector with Classic Series Barbs, 3/16" (4.8 mm) ID Tubing

L60 (-1 -2 -6005 -J1A)
Elbow Connector with Classic Series Barbs, 1/4" (6.4 mm) ID Tubing

Need More Details?

Part drawings, minimum order quantities, and CAD requests can be found online. Visit **www.nordsonmedical.com** or contact Sales at **sales@nordsonmedical.com**.

Reference part shown: L070

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L070 (-0 -6005)
Elbow Connector with 500 Series Barbs, 3/8" (9.5 mm) ID Tubing

L970 (-9)
Elbow Connector with 900 Series Barbs, 3/8" (9.5 mm) ID Tubing

L080 (-0 -6005)
Elbow Connector with 500 Series Barbs, 1/2" (12.7 mm) ID Tubing

L975 (-9)
Elbow Connector with 900 Series Barbs, 1/2" (12.7 mm) ID Tubing

L090 (-0 -6005)
Elbow Connector with 500 Series Barbs, 5/8" (16.0 mm) ID Tubing

L100 (-0 -6005)
Elbow Connector with 500 Series Barbs, 3/4" (19.0 mm) ID Tubing

L110 (-0 -6005)
Elbow Connector with 500 Series Barbs, 1" (25.4 mm) ID Tubing

L6110 (-6005)
Elbow Connector with 600 Series Barbs, 1" (25.4 mm) ID Tubing

CF494 (-6 -6005)
Low-profile Elbow Connector with Custom 600 Series Barbs, 1" (25.4 mm) ID Tubing

L220/210 (-1 -2 -6005 -9 -J1A)
Elbow Reduction Connector with 200 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing

L420/410 (-1 -2 -6005 -J1A)
Elbow Reduction Connector with 400 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing

L230/210 (-1 -2 -6005 -9 -J1A)
Elbow Reduction Connector with 200 Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing

L430/410 (-1 -2 -6005 -J1A)
Elbow Reduction Connector with 400 Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing

L230/220 (-1 -2 -6005 -9 -J1A)
Elbow Reduction Connector with 200 Series Barbs, 1/8" (3.2 mm) and 3/32" (2.4 mm) ID Tubing

L430/420 (-1 -2 -6005 -J1A)
Elbow Reduction Connector with 400 Series Barbs, 1/8" (3.2 mm) and 3/32" (2.4 mm) ID Tubing

L430/220 (-9002)
Elbow Reduction Connector with a 400 Series Barb, 1/8" (3.2 mm) and a 200 Series Barb, 3/32" (2.4 mm) ID Tubing

LARGE TUBE-TO-TUBE:
Elbow Reducer

Reference part shown: L070/055

Due to size we are not able to display all large Tube-To-Tube connectors. Please see **www.nordsonmedical.com** for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

L070/055 (-0 -6005)
Elbow Reduction Connector with 500 Series Barbs, 3/8" (9.5 mm) and 1/4" (6.4 mm) ID Tubing

L080/070 (-0 -6005)
Elbow Reduction Connector with 500 Series Barbs, 1/2" (12.7 mm) and 3/8" (9.5 mm) ID Tubing

L100/080 (-0 -6005)
Elbow Reduction Connector with 500 Series Barbs, 3/4" (19.0 mm) and 1/2" (12.7 mm) ID Tubing

L110/100 (-0 -6005)
Elbow Reduction Connector with 500 Series Barbs, 1" (25.4 mm) and 3/4" (19.0 mm) ID Tubing

TUBE-TO-TUBE:
Tee

T10 (-1 -2 -6005 -J1A)
Tee Connector with Classic Series Barbs, 1/16" (1.6 mm) ID Tubing

T210 (-1 -2 -6005 -9 -J1A)
Tee Connector with 200 Series Barbs, 1/16" (1.6 mm) ID Tubing

T410 (-1 -2 -6005 -J1A)
Tee Connector with 400 Series Barbs, 1/16" (1.6 mm) ID Tubing

T20 (-1 -2 -6005 -J1A)
Tee Connector with Classic Series Barbs, 3/32" (2.4 mm) ID Tubing

T220 (-1 -2 -6005 -6012 -9 -J1A)
Tee Connector with 200 Series Barbs, 3/32" (2.4 mm) ID Tubing

TUBE-TO-TUBE:
Tee

T420 (-1 -2 -6005 -J1A)
Tee Connector with 400 Series Barbs, 3/32" (2.4 mm) ID Tubing

T30 (-1 -2 -6005 -9 -J1A)
Tee Connector with Classic Series Barbs, 1/8" (3.2 mm) ID Tubing

T230 (-1 -2 -5 -6005 -6012 -9 -J1A)
Tee Connector with 200 Series Barbs, 1/8" (3.2 mm) ID Tubing

T430 (-1 -2 -6005 -9002 -J1A)
Tee Connector with 400 Series Barbs, 1/8" (3.2 mm) ID Tubing

T013 (-6005)
Tee Connector with 500 Series Barbs, 1/8" (3.2 mm) ID Tubing

T40 (-1 -2 -6005 -J1A)
Tee Connector with Classic Series Barbs, 5/32" (4 mm) ID Tubing

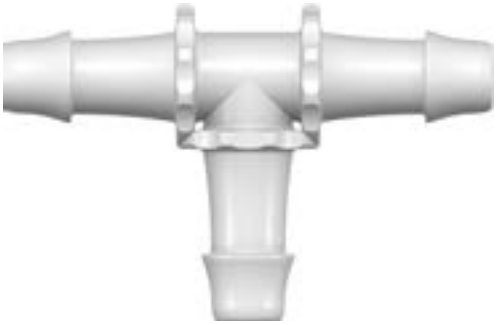
T250 (-1 -2 -6005 -9 -J1A)
Tee Connector with 200 Series Barbs, 3/16" (4.8 mm) ID Tubing

T60 (-1 -2 -6005 -9 -J1A)
Tee Connector with Classic Series Barbs, 1/4" (6.4 mm) ID Tubing

TUBE-TO-TUBE:
Tee

T055 (-6005)
Tee Connector with 500 Series Barbs, 1/4" (6.4 mm) ID Tubing

LARGE TUBE-TO-TUBE:
Tee



Reference part shown: T070

Due to size we are not able to display all large Tube-To-Tube connectors. Please see **www.nordsonmedical.com** for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

T070 (-0 -6005 -9)
Tee Connector with 500 Series Barbs, 3/8" (9.5 mm) ID Tubing

T670 (-1 -6005 -9 -J1A)
Tee Connector with 600 Series Barbs, 3/8" (9.5 mm) ID Tubing

T970 (-9)
Tee Connector with 900 Series Barbs, 3/8" (9.5 mm) ID Tubing

T080 (-0 -6005 -9)
Tee Connector with 500 Series Barbs, 1/2" (12.7 mm) ID Tubing

T680 (-6005 -9 -J1A)
Tee Connector with 600 Series Barbs, 1/2" (12.7 mm) ID Tubing

T975 (-9)
Tee Connector with 900 Series Barbs, 1/2" (12.7 mm) ID Tubing

T690 (-6005 -9)
Tee Connector with 600 Series Barbs, 5/8" (16.0 mm) ID Tubing

T100 (-0 -6005 -9)
Tee Connector with 500 Series Barbs, 3/4" (19.0 mm) ID Tubing

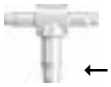
T6100 (-6005)
Tee Connector with 600 Series Barbs, 3/4" (19.0 mm) ID Tubing

T110 (-0 -6005)
Tee Connector with 500 Series Barbs, 1" (25.4 mm) ID Tubing

T6110 (-6005)
Tee Connector with 600 Series Barbs, 1" (25.4 mm) ID Tubing

TUBE-TO-TUBE:
Tee Reducer

T410/420 (-1 -2 -6005 -J1A)
Tee Reduction Connector with 400 Series Barbs, 1/16" (1.6 mm) and 3/32" (2.4 mm) ID Tubing



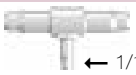
T210/230 (-1 -2 -6005 -9 -J1A)
Tee Reduction Connector with 200 Series Barbs, 1/16" (1.6 mm) and 1/8" (3.2 mm) ID Tubing

T410/430 (-1 -2 -6005 -J1A)
Tee Reduction Connector with 400 Series Barbs, 1/16" (1.6 mm) and 1/8" (3.2 mm) ID Tubing

T220/210 (-1 -2 -6005 -9 -J1A)
Tee Reduction Connector with 200 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing

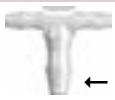
T220R210 (-1 -2 -6005 -9 -J1A)
Tee Reduction Connector with 200 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing

T420/410 (-1 -2 -6005 -J1A)
Tee Reduction Connector with 400 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing



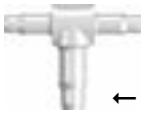
T420R410 (-1 -2 -6005 -J1A)
Tee Reduction Connector with 400 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing

T210/220 (-1 -2 -6005 -9 -J1A)
Tee Reduction Connector with 200 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing



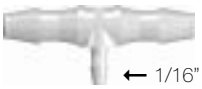
T220/230 (-1 -2 -6005 -9 -J1A)
Tee Reduction Connector with 200 Series Barbs, 3/32" (2.4 mm) and 1/8" (3.2 mm) ID Tubing

T420/430 (-1 -2 -6005 -J1A)
Tee Reduction Connector with 400 Series Barbs, 3/32" (2.4 mm) and 1/8" (3.2 mm) ID Tubing



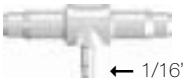
TUBE-TO-TUBE:
Tee Reducer

T230/210 (-1 -2 -6005 -9 -J1A)
Tee Reduction Connector with 200 Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing



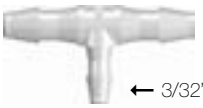
T230R210 (-1 -2 -6005 -9 -J1A)
Tee Reduction Connector with 200 Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing

T430/410 (-1 -2 -6005 -J1A)
Tee Reduction Connector with 400 Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing



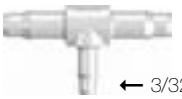
T430R410 (-1 -2 -6005 -J1A)
Tee Reduction Connector with 400 Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing

T230/220 (-1 -2 -6005 -9 -J1A)
Tee Reduction Connector with 200 Series Barbs, 1/8" (3.2 mm) and 3/32" (2.4 mm) ID Tubing



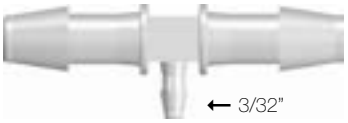
T230R220 (-1 -2 -6005 -9 -J1A)
Tee Reduction Connector with 200 Series Barbs, 1/8" (3.2 mm) and 3/32" (2.4 mm) ID Tubing

T430/420 (-1 -2 -3 -6005 -J1A)
Tee Reduction Connector with 400 Series Barbs, 1/8" (3.2 mm) and 3/32" (2.4 mm) ID Tubing

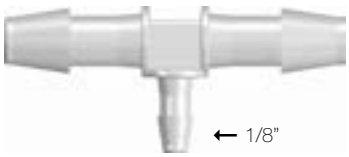


T430R420 (-1 -2 -6005 -J1A)
Tee Reduction Connector with 400 Series Barbs, 1/8" (3.2 mm) and 3/32" (2.4 mm) ID Tubing

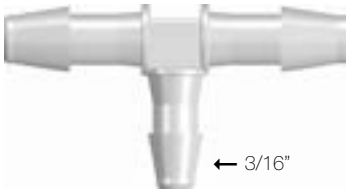
T360/220 (-1 -2 -6005 -9 -J1A)
Tee Reduction Connector with 200 and 300 Series Barbs, 1/4" (6.4 mm) and 3/32" (2.4 mm) ID Tubing



T360/230 (-1 -2 -6005 -9 -J1A)
Tee Reduction Connector with 200 and 300 Series Barbs, 1/4" (6.4 mm) and 1/8" (3.2 mm) ID Tubing



T360/250 (-1 -2 -6005 -9 -J1A)
Tee Reduction Connector with 200 and 300 Series Barbs, 1/4" (6.4 mm) and 3/16" (4.8 mm) ID Tubing



LARGE TUBE-TO-TUBE:
Tee

Reference part shown: T070/055

Due to size we are not able to display all large Tube-To-Tube connectors. Please see **www.nordsonmedical.com** for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

T070/055 (-0 -6005 -9)
Tee Reduction Connector with 500 Series Barbs, 3/8" (9.5 mm) and 1/4" (6.4 mm) ID Tubing

T080/055 (-0 -6005 -9)
Tee Reduction Connector with 500 Series Barbs, 1/2" (12.7 mm) and 1/4" (6.4 mm) ID Tubing

T080/070 (-0 -6005 -9)
Tee Reduction Connector with 500 Series Barbs, 1/2" (12.7 mm) and 3/8" (9.5 mm) ID Tubing

T100/080 (-0 -6005 -9)
Tee Reduction Connector with 500 Series Barbs, 3/4" (19.0 mm) and 1/2" (12.7 mm) ID Tubing

T110/100 (-0 -6005)
Tee Reduction Connector with 500 Series Barbs, 1" (25.4 mm) and 3/4" (19.0 mm) ID Tubing

Y210 (-1 -2 -6005 -9 -J1A)
Y Connector with 200 Series Barbs, 1/16" (1.6 mm) ID Tubing

Y410 (-1 -2 -6005 -J1A)
Y Connector with 400 Series Barbs, 1/16" (1.6 mm) ID Tubing

Y220 (-1 -2 -6005 -6012 -9 -J1A)
Y Connector with 200 Series Barbs, 3/32" (2.4 mm) ID Tubing

Y420 (-1 -2 -6005 -J1A)
Y Connector with 400 Series Barbs, 3/32" (2.4 mm) ID Tubing

Y230 (-1 -2 -3 -6005 -6012 -9 -9002 -9010 -J1A)
Y Connector with 200 Series Barbs, 1/8" (3.2 mm) ID Tubing

Y430 (-1 -2 -6005 -J1A)
Y Connector with 400 Series Barbs, 1/8" (3.2 mm) ID Tubing

Y013 (-6005)
Y Connector with 500 Series Barbs, 1/8" (3.2 mm) ID Tubing

Y240 (-1 -2 -6005 -6012 -9 -J1A)
Y Connector with 200 Series Barbs, 5/32" (4.0 mm) ID Tubing

Y250 (-1 -2 -6005 -9 -9002 -J1A)
Y Connector with 200 Series Barbs, 3/16" (4.8 mm) ID Tubing

Y450 (-1 -2 -6005 -6012 -J1A)
Y Connector with 400 Series Barbs, 3/16" (4.8 mm) ID Tubing

Y260 (-1 -2 -6005 -9 -9002 -J1A)
Y Connector with 200 Series Barbs, 1/4" (6.4 mm) ID Tubing

Y460 (-1 -2 -6005 -9 -J1A)
Y Connector with 400 Series Barbs, 1/4" (6.4 mm) ID Tubing

TUBE-TO-TUBE: Y

Y055 (-6005)
Y Connector with 500 Series Barbs, 1/4" (6.4 mm) ID Tubing

LARGE TUBE-TO-TUBE: Y

Reference part shown: Y070

Due to size we are not able to display all large Tube-To-Tube connectors. Please see **www.nordsonmedical.com** for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

Y070 (-0 -6005 -9)
Y Connector with 500 Series Barbs, 3/8" (9.5 mm) ID Tubing

Y670 (-6005 -9 -J1A)
Y Connector with 600 Series Barbs, 3/8" (9.5 mm) ID Tubing

Y080 (-0 -6005 -9)
Y Connector with 500 Series Barbs, 1/2" (12.7 mm) ID Tubing

Y680 (-6005 -9 -J1A)
Y Connector with 600 Series Barbs, 1/2" (12.7 mm) ID Tubing

Y090 (-0 -6005 -J1A)
Y Connector with 500 Series Barbs, 5/8" (16.0 mm) ID Tubing

Y690 (-6005)
Y Connector with 600 Series Barbs, 5/8" (16.0 mm) ID Tubing

Y100 (-0 -6005 -J1A)
Y Connector with 500 Series Barbs, 3/4" (19.0 mm) ID Tubing

Y6100 (-6005)
Y Connector with 600 Series Barbs, 3/4" (19.0 mm) ID Tubing

Y110 (-0 -6005)
Y Connector with 500 Series Barbs, 1" (25.4 mm) ID Tubing

Y6110 (-6005)
Y Connector with 600 Series Barbs, 1" (25.4 mm) ID Tubing

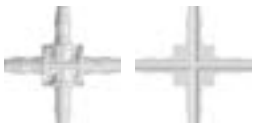
TUBE-TO-TUBE: Multiport

3PF210 (-1 -6005)
Three-Port F Style Manifold with 200 Series Barbs for 1/16" (1.6 mm) ID Tubing

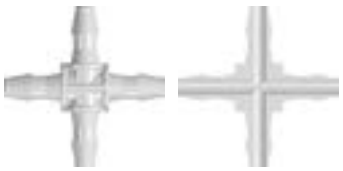
3PF220 (-1 -6005)
Three-Port F Style Manifold with 200 Series Barbs for 3/32" (2.4 mm) ID Tubing

3PF230 (-1 -6005)
Three-Port F Style Manifold with 200 Series Barbs for 1/8" (3.2 mm) ID Tubing

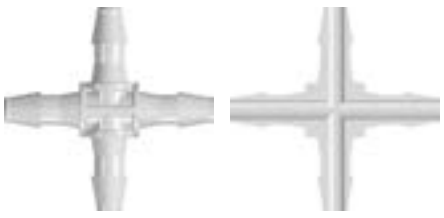
4PX210 (-1 -6005)
Four-Port Cross Style Manifold with 200 Series Barbs for 1/16" (1.6 mm) ID Tubing

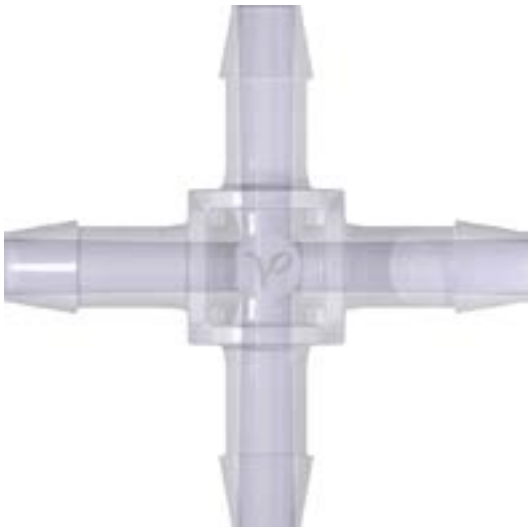


4PX220 (-1 -6005)
Four-Port Cross Style Manifold with 200 Series Barbs for 3/32" (2.4 mm) ID Tubing



4PX230 (-1 -6005)
Four-Port Cross Style Manifold with 200 Series Barbs for 1/8" (3.2 mm) ID Tubing





Reference part shown: 4PX670

Due to size we are not able to display all large Tube-To-Tube connectors. Please see **www.nordsonmedical.com** for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

4PX655 (-6005)
Four-Port Cross Style Manifold with 600 Series Barbs for 1/4" (6.4 mm) ID Tubing

4PX670 (-6005)
Four-Port Cross Style Manifold with 600 Series Barbs for 3/8" (9.5 mm) ID Tubing

4PX680 (-6005)
Four-Port Cross Style Manifold with 600 Series Barbs for 1/2" (12.7 mm) ID Tubing

TUBE-TO-TUBE:
Multiport

4PDL210 (-1 -6005)
Four-Port Double Elbow Style Manifold with 200 Series Barbs, 1/16" (1.6 mm) ID Tubing

4PDL220 (-1 -6005)
Four-Port Double Elbow Style Manifold with 200 Series Barbs, 3/32" (2.4 mm) ID Tubing

4PDL230 (-1 -6005)
Four-Port Double Elbow Style Manifold with 200 Series Barbs, 1/8" (3.2 mm) ID Tubing

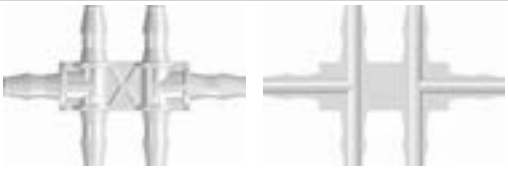
4PLL210 (-1 -6005)
Four-Port Thru Flow Double Elbow Style Manifold with 200 Series Barbs, 1/16" (1.6 mm) ID Tubing

4PLL220 (-1 -6005 -9)
Four-Port Thru Flow Double Elbow Style Manifold with 200 Series Barbs, 3/32" (2.4 mm) ID Tubing

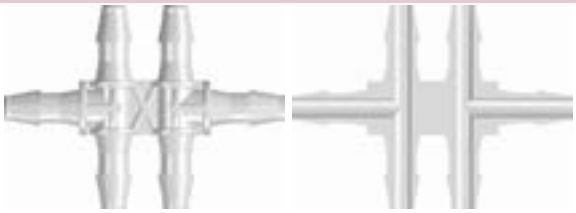
4PLL230 (-1 -2 -6005)
Four-Port Thru Flow Double Elbow Style Manifold with 200 Series Barbs, 1/8" (3.2 mm) ID Tubing

6PDT210 (-1 -6005)
Six-Port Double T Style Manifold with 200 Series Barbs for 1/16" (1.6 mm) ID Tubing

6PDT220 (-1 -6005)
Six-Port Double T Style Manifold with 200 Series Barbs for 3/32" (2.4 mm) ID Tubing



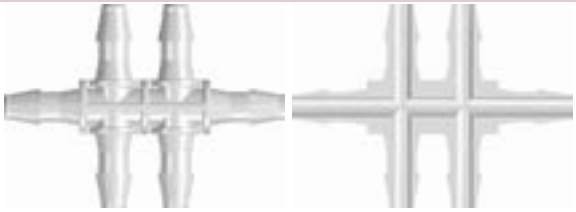
6PDT230 (-1 -6005)
Six-Port Double T Style Manifold with 200 Series Barbs for 1/8" (3.2 mm) ID Tubing



6PTT210 (-1 -6005)
Six-Port Thru Flow Double T Style Manifold with 200 Series Barbs for 1/16" (1.6 mm) ID Tubing

6PTT220 (-1 -6005)
Six-Port Thru Flow Double T Style Manifold with 200 Series Barbs for 3/32" (2.4 mm) ID Tubing

6PTT230 (-1 -6005)
Six-Port Thru Flow Double T Style Manifold with 200 Series Barbs for 1/8" (3.2 mm) ID Tubing



TUBE-TO-TUBE:
Press-In Plugs

PIP10 (-1 -2 -6005 -J1A)
Press-In Plug with Classic Series Barb, 1/16" (1.6 mm) ID Tubing

PIP210 (-1 -2 -6005 -J1A)
Press-In Plug with 200 Series Barb, 1/16" (1.6 mm) ID Tubing

PIP20 (-1 -2 -6005 -J1A)
Press-In Plug with Classic Series Barb, 3/32" (2.4 mm) ID Tubing

PIP220 (-1 -2 -6005 -6012 -J1A)
Press-In Plug with 200 Series Barb, 3/32" (2.4 mm) ID Tubing

PIP30 (-1 -2 -6005 -J1A)
Press-In Plug with Classic Series Barb, 1/8" (3.2 mm) ID Tubing

PIP230 (-1 -2 -6005 -6012 -J1A)
Press-In Plug with 200 Series Barb, 1/8" (3.2 mm) ID Tubing

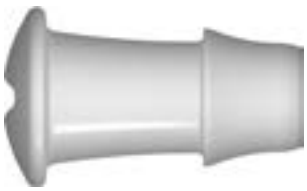
PIP40 (-1 -2 -6005 -J1A)
Press-In Plug with Classic Series Barb, 5/32" (4.0 mm) ID Tubing

PIP240 (-1 -2 -6005 -J1A)
Press-In Plug with 200 Series Barb, 5/32" (4.0 mm) ID Tubing

PIP50 (-1 -2 -6005 -J1A)
Press-In Plug with Classic Series Barb, 3/16" (4.8 mm) ID Tubing

PIP60 (-1 -2 -6005 -J1A)
Press-In Plug with Classic Series Barb, 1/4" (6.4 mm) ID Tubing

LARGE TUBE-TO-TUBE:
Press-In Plugs



Reference part shown: PIP090

Due to size we are not able to display all large Tube-To-Tube connectors. Please see **www.nordsonmedical.com** for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

PIP070 (-0 -6005)
Press-In Plug with 500 Series Barb, 3/8" (9.5 mm) ID Tubing

PIP670 (-6005)
Press-In Plug with 600 Series Barb, 3/8" (9.5 mm) ID Tubing

PIP080 (-6005)
Press-In Plug with 500 Series Barb, 1/2" (12.7 mm) ID tubing

PIP680 (-6005)
Press-In Plug with 600 Series Barb, 1/2" (12.7 mm) ID Tubing

PIP090 (-6005)
Press-In Plug with 500 Series Barb, 5/8" (16.0 mm) ID Tubing

PIP6100 (-6005)
Press-In Plug with 600 Series Barb, 3/4" (19.0 mm) ID Tubing

PIP6110 (-6005)
Press-In Plug with 600 Series Barb, 1" (25.4 mm) ID Tubing

U10 (-1 -2 -7 -9)
Ultrasonically Weldable Fitting to Classic Series Barb, 1/16" (1.6 mm) ID Tubing

U20 (-1 -2 -7)
Ultrasonically Weldable Fitting to Classic Series Barb, 3/32" (2.4 mm) ID Tubing

U30 (-1 -2 -7)
Ultrasonically Weldable Fitting to Classic Series Barb, 1/8" (3.2 mm) ID Tubing

TUBE-TO-TUBE PANEL MOUNTS:
Straight Through and Reducer

PMK210 (-1 -6005)
Panel Mount Connector 10-32 UNF to 200 Series Barbs, 1/16" (1.6 mm) ID Tubing

PMK220 (-1 -6005)
Panel Mount Connector 10-32 UNF to 200 Series Barbs, 3/32" (2.4 mm) ID Tubing

PMS230 (-1 -6005)
Panel Mount Connector 1/4-28 UNF to 200 Series Barbs, 1/8" (3.2 mm) ID Tubing

PMK220-210 (-1 -6005)
Panel Mount Reduction Connector 10-32 UNF to 200 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing

PMS230-210 (-1 -6005 -J1A)
Panel Mount Reduction Connector 1/4-28 UNF to 200 Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing

PMS230-220 (-1 -6005)
Panel Mount Reduction Connector 1/4-28 UNF to 200 Series Barbs, 1/8" (3.2 mm) and 3/32" (2.4 mm) ID Tubing

CCR (-1 -2 -3 -4 -5 -06 -07)
Color Coded Ring (For use with PMS, PMK, FTLLB or FTLB panel mount fittings)

CCLR (-1 -2 -3 -4 -5 -06 -07)
Color Coded Lock Ring (For use with PMS, PMK, FTLLB or FTLB panel mount fittings)

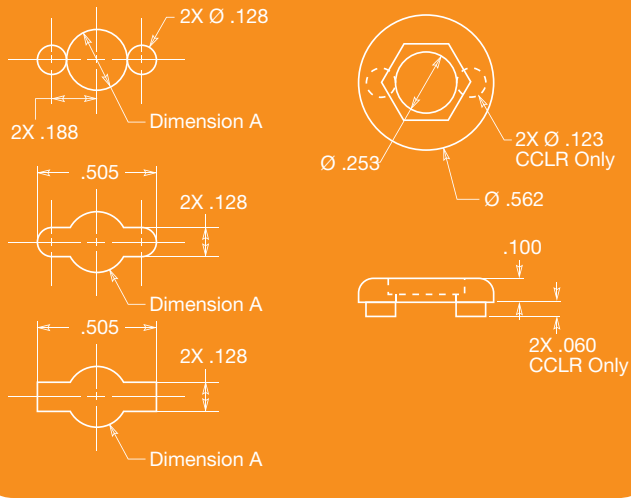
PMKN (-XO)
Panel Mount Nut 10-32 UNF with 3/8" Hex (For use with PMK panel mount fittings)

PMSN (-XO)
Panel Mount Nut 1/4-28 UNF with 7/16" Hex (For use with PMS, FTLB, and FTLLB panel mount fittings)

LNS (-1 -2 -3 -4 -5 -06 -6005 -07 -81 -J1A)
1/4-28 UNF Panel Mount Lock Nut (For use with PMS, FTLLB or FTLB panel mount fittings)

Select the Correct Lock Nut for Your Panel Mount:

PART	Dimension A	Use Lock Nut
PMK Series	.193"	PMKN
PMS Series	.255"	PMSN or LNS



THREADED

Fittings

10-32 UNF Special Tapered Thread **PG-89**

1/4-28 UNF **PG-92**

1/4-28 UNF Bottom Sealing **PG-93**

Metric - M6x1 **PG-94**

Metric - M5x.8 **PG-94**

1/16-27 NPT **PG-95**

1/8-27 NPT **PG-96**

1/4-18 NPT Reducers **PG-97**

The X Thread

Nordson MEDICAL X Series components have a tapered 10-32 thread that functions like a pipe thread. In comparison to standard 10-32 UNF threaded fittings, the tapered design works better with oversized ports and ports which are not perpendicular to the face of the component.

The 120 degree chamfer under the hex provides a seal when the fitting is tightened into a port with a countersink as shown below. It also seals on the thread due to interference on the pitch diameter. When using an elbow or tee, the tapered thread tightens radially and facilitates directional alignment of the barb.

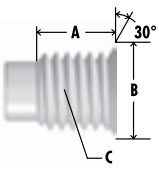
Other Thread Series

K, B, C and D Series fittings, designed for use with 10-32 UNF ports, are straight-threaded components. These fittings seal against the 120 degree chamfer under the hex on the fitting and do not tighten radially as they are assembled. S Series fittings are straight threaded components for 1/4-28 UNF ports, M5 Series are for M5 x .8 ports and M6 Series are for M6 x 1 ports.

Part numbers for fittings with pipe threads are noted below. Those for use with 1/16-27 NPT ports have part numbers prefixed with 16; those for 1/8-27 NPT ports have part numbers prefixed with 18; and those for 1/4-18 NPT ports have part numbers prefixed with 14.

The features shown below must be incorporated into the port when using our B, C, D, X, K, S, M5 and M6 Series fittings. Failure to do so will jeopardize the performance of the seal between the fitting and port. For applications in which this seal is highly critical, we recommend that you contact a sealant specialist.

When working with threaded parts, Nordson MEDICAL strongly recommends that you test sample parts in your application.



Nordson MEDICAL's Thread Series	Dimension A Thread Length	Clearance Needed to Achieve Chamfer Seal	Dimension B Countersink Diameter	Feature C Internal Screw Thread Series
X	.200"	.250"	.210"-.230"	10-32 UNF 2B
K, B, C, D	.156"	.200"	.210"-.230"	10-32 UNF 2B
S	.204"	.250"	.270"-.290"	1/4-28 UNF 2B
M5	.192"	.250"	.210"-.230"	M5 X .8
M6	.235"	.375"	.270"-.290"	M6 X 1

805 West 71st Street • Loveland, CO 80538 • USA TEL: +1 (970) 267-5200 TOLL FREE in USA: (888) 404-5837 WWW.NORDSONMEDICAL.COM

K10 (-1 -2 -6005 -J1A)
10-32 UNF Thread with 1/4" Hex to Classic Series Barb, 1/16" (1.6 mm) ID Tubing

X10 (-1 -2 -6005 -J1A)
10-32 Special Tapered Thread with 1/4" Hex to Classic Series Barb, 1/16" (1.6 mm) ID Tubing

K210 (-1 -2 -3 -5 -6005 -J1A)
10-32 UNF Thread with 1/4" Hex to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

X210 (-1 -2 -3 -5 -6005 -6012 -J1A)
10-32 Special Tapered Thread with 1/4" Hex to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

K410 (-1 -2 -6005 -J1A)
10-32 UNF Thread with 1/4" Hex to 400 Series Barb, 1/16" (1.6 mm) ID Tubing

X410 (-1 -2 -6005 -J1A)
10-32 Special Tapered Thread with 1/4" Hex to 400 Series Barb, 1/16" (1.6 mm) ID Tubing

D (-1 -2 -3 -4 -5 -6005 -J1A)
10-32 UNF Thread with 1/4" Hex to Classic Series Barb, 3/32" (2.4 mm) ID Tubing

K220 (-1 -2 -6005 -6012 -J1A)
10-32 UNF Thread with 1/4" Hex to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

X220 (-1 -2 -3 -6005 -J1A)
10-32 Special Tapered Thread with 1/4" Hex to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

K420 (-1 -2 -6005 -J1A)
10-32 UNF Thread with 1/4" Hex to 400 Series Barb, 3/32" (2.4 mm) ID Tubing

X420 (-1 -2 -6005 -J1A)
10-32 Special Tapered Thread with 1/4" Hex to 400 Series Barb, 3/32" (2.4 mm) ID Tubing

B (-1 -2 -3 -4 -5 -6005 -J1A)
10-32 UNF Thread with 1/4" Hex to Classic Series Barb, 1/8" (3.2 mm) ID Tubing

C (-1 -2 -3 -4 -5 -6005 -J1A)
10-32 UNF Thread with 1/4" Hex to Classic Series Barb, Short Neck, 1/8" (3.2 mm) ID Tubing

K230 (-1 -2 -6005 -J1A)
10-32 UNF Thread with 1/4" Hex to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

X230 (-1 -2 -3 -5 -6005 -6012 -J1A)
10-32 Special Tapered Thread with 1/4" Hex to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

K430 (-1 -2 -6005 -J1A)
10-32 UNF Thread with 1/4" Hex to 400 Series Barb, 1/8" (3.2 mm) ID Tubing

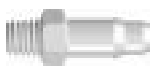
X430 (-1 -2 -3 -6005 -J1A)
10-32 Special Tapered Thread with 1/4" Hex to 400 Series Barb, 1/8" (3.2 mm) ID Tubing

K240 (-1 -2 -6005 -J1A)
10-32 UNF Thread with 1/4" Hex to 200 Series Barb, 5/32" (4.0 mm) ID Tubing

X240 (-1 -2 -6005 -J1A)
10-32 Special Tapered Thread with 1/4" Hex to 200 Series Barb, 5/32" (4.0 mm) ID Tubing

K445 (-1 -2 -6005 -J1A)
10-32 UNF Thread with 1/4" Hex to 400 Series Barb, .170" (4.3 mm) ID Tubing

X445 (-1 -2 -6005 -J1A)
10-32 Special Tapered Thread with 1/4" Hex to 400 Series Barb, .170" (4.3 mm) ID Tubing



THREAD:
10-32 UNF, Special Tapered Thread Elbow

KL210 (-1 -2 -6005 -J1A)
10-32 UNF Thread Elbow with 1/4" Hex to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

XL210 (-1 -2 -6005 -6012 -J1A)
10-32 Special Tapered Thread Elbow with 1/4" Hex to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

KL410 (-1 -2 -6005 -J1A)
10-32 UNF Thread Elbow with 1/4" Hex to 400 Series Barb, 1/16" (1.6 mm) ID Tubing

XL410 (-1 -2 -6005 -J1A)
10-32 Special Tapered Thread Elbow with 1/4" Hex to 400 Series Barb, 1/16" (1.6 mm) ID Tubing

KL220 (-1 -2 -6005 -J1A)
10-32 UNF Thread Elbow with 1/4" Hex to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

XL220 (-1 -2 -6005 -6012 -J1A)
10-32 Special Tapered Thread Elbow with 1/4" Hex to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

KL420 (-1 -2 -6005 -J1A)
10-32 UNF Thread Elbow with 1/4" Hex to 400 Series Barb, 3/32" (2.4 mm) ID Tubing

XL420 (-1 -2 -6005 -J1A)
10-32 Special Tapered Thread Elbow with 1/4" Hex to 400 Series Barb, 3/32" (2.4 mm) ID Tubing

KL230 (-1 -2 -6005 -J1A)
10-32 UNF Thread Elbow with 1/4" Hex to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

XL230 (-1 -2 -6005 -6012 -J1A)
10-32 Special Tapered Thread Elbow with 1/4" Hex to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

KL430 (-1 -2 -6005 -J1A)
10-32 UNF Thread Elbow with 1/4" Hex to 400 Series Barb, 1/8" (3.2 mm) ID Tubing

XL430 (-1 -2 -6005 -J1A)
10-32 Special Tapered Thread Elbow with 1/4" Hex to 400 Series Barb, 1/8" (3.2 mm) ID Tubing

Technical Assistance

Trying to choose the correct part? Need more material information than is published in this catalog? Call Nordson MEDICAL Technical Support **(970) 267-5200**.

KT210 (-1 -2 -6005 -J1A)
10-32 UNF Thread Tee with 1/4" Hex to 200 Series Barb,
1/16" (1.6 mm) ID Tubing

KT420 (-1 -2 -6005 -J1A)
10-32 UNF Thread Tee with 1/4" Hex to 400 Series Barb,
3/32" (2.4 mm) ID Tubing

XT210 (-1 -2 -6005 -J1A)
10-32 Special Tapered Thread Tee with 1/4" Hex to 200 Series Barb,
1/16" (1.6 mm) ID Tubing

XT420 (-1 -2 -6005 -J1A)
10-32 Special Tapered Thread Tee with 1/4" Hex to 400 Series Barb,
3/32" (2.4 mm) ID Tubing

KT410 (-1 -2 -6005 -J1A)
10-32 UNF Thread Tee with 1/4" Hex to 400 Series Barb,
1/16" (1.6 mm) ID Tubing

KT230 (-1 -2 -6005 -J1A)
10-32 UNF Thread Tee with 1/4" Hex to 200 Series Barb,
1/8" (3.2 mm) ID Tubing

XT410 (-1 -2 -6005 -J1A)
10-32 Special Tapered Thread Tee with 1/4" Hex to 400 Series Barb,
1/16" (1.6 mm) ID Tubing

XT230 (-1 -2 -6005 -J1A)
10-32 Special Tapered Thread Tee with 1/4" Hex to 200 Series Barb,
1/8" (3.2 mm) ID Tubing

KT220 (-1 -2 -6005 -J1A)
10-32 UNF Thread Tee with 1/4" Hex to 200 Series Barb,
3/32" (2.4 mm) ID Tubing

KT430 (-1 -2 -6005 -J1A)
10-32 UNF Thread Tee with 1/4" Hex to 400 Series Barb,
1/8" (3.2 mm) ID Tubing

XT220 (-1 -2 -6005 -J1A)
10-32 Special Tapered Thread Tee with 1/4" Hex to 200 Series Barb,
3/32" (2.4 mm) ID Tubing

XT430 (-1 -2 -6005 -J1A)
10-32 Special Tapered Thread Tee with 1/4" Hex to 400 Series Barb,
1/8" (3.2 mm) ID Tubing

Part Drawings Online!

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings.
www.nordsonmedical.com

THREAD:
10-32 UNF, Special Tapered Thread Couplers and Plugs

KN (-1 -2 -6005 -J1A)
10-32 UNF Thread Coupler with 1/4" Hex

XN (-1 -2 -6005 -J1A)
10-32 Special Tapered Thread Coupler with 1/4" Hex

KP (-1 -2 -6005 -6012 -J1A)
10-32 UNF Thread Plug with 1/4" Hex

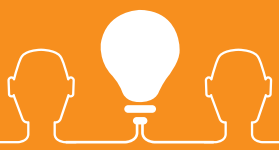
XP (-1 -2 -6005 -J1A)
10-32 Special Tapered Thread Plug with 1/4" Hex

Looking for Something Different?

Most of our best product ideas have come from you, our customers. While we pride ourselves on our extensive product offering, we recognize that your needs are ever-changing and that our products, too, must adapt to your needs.

If there's a new product you think Nordson MEDICAL should make, please send us an Email at **designcenter@nordsonmedical.com** describing your product concept in as much detail as you desire. We will contact you with any questions, and who knows - the next catalog edition could include products YOU told us to build.

See page 14 for more information on the Design Center!



THREAD:
1/4-28 UNF

S10 (-1 -2 -6005 -J1A)
1/4-28 UNF Thread with 5/16" Hex to Classic Series Barb, 1/16" (1.6 mm) ID Tubing

S210 (-1 -2 -6005 -J1A)
1/4-28 UNF Thread with 5/16" Hex to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

S410 (-1 -2 -6005 -J1A)
1/4-28 UNF Thread with 5/16" Hex to 400 Series Barb, 1/16" (1.6 mm) ID Tubing

S20 (-1 -2 -6005 -J1A)
1/4-28 UNF Thread with 5/16" Hex to Classic Series Barb, 3/32" (2.4 mm) ID Tubing

S220 (-1 -2 -6005 -J1A)
1/4-28 UNF Thread with 5/16" Hex to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

S420 (-1 -2 -6005 -J1A)
1/4-28 UNF Thread with 5/16" Hex to 400 Series Barb, 3/32" (2.4 mm) ID Tubing

S30 (-1 -2 -6005 -J1A)
1/4-28 UNF Thread with 5/16" Hex to Classic Series Barb, 1/8" (3.2 mm) ID Tubing

S230 (-1 -2 -6005 -6012 -J1A)
1/4-28 UNF Thread with 5/16" Hex to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

S430 (-1 -2 -6005 -J1A)
1/4-28 UNF Thread with 5/16" Hex to 400 Series Barb, 1/8" (3.2 mm) ID Tubing

S40 (-1 -2 -6005 -J1A)
1/4-28 UNF Thread with 5/16" Hex to Classic Series Barb, 5/32" (4.0 mm) ID Tubing

S240 (-1 -2 -6005 -J1A)
1/4-28 UNF Thread with 5/16" Hex to 200 Series Barb, 5/32" (4.0 mm) ID Tubing

S445 (-1 -2 -6005 -J1A)
1/4-28 UNF Thread with 5/16" Hex to 400 Series Barb, .170" (4.3 mm) ID Tubing

S50 (-1 -2 -6005 -J1A)
1/4-28 UNF Thread with 5/16" Hex to Classic Series Barb, 3/16" (4.8 mm) ID Tubing

S250 (-1 -2 -6005 -J1A)
1/4-28 UNF Thread with 5/16" Hex to 200 Series Barb, 3/16" (4.8 mm) ID Tubing

S450 (-1 -2 -6005 -J1A)
1/4-28 UNF Thread with 5/16" Hex to 400 Series Barb, 3/16" (4.8 mm) ID Tubing

SP (-1 -2 -6005 -J1A)
1/4-28 UNF Thread Plug with 5/16" Hex

ABR004-6005 UNDER (-1 -2 -3 -4 -5)
1/4-28 UNF Bottom Sealing Rotating Thread with 5/16" Hex to 500 Series Barb, 1/16" (1.6 mm) ID Tubing

Recommended torque:
Polypropylene - 1.5-2 in. lbs.
Kynar® - 2-4 in. lbs.

ABR004-J1A UNDER (-1 -2 -3 -4 -5 -J1A)
1/4-28 UNF Bottom Sealing Rotating Thread with 5/16" Hex to 500 Series Barb, 1/16" (1.6 mm) ID Tubing

Recommended torque:
Polypropylene - 1.5-2 in. lbs.
Kynar® - 2-4 in. lbs.

ABR007-6005 UNDER (-1 -2 -3 -4 -5)
1/4-28 UNF Bottom Sealing Rotating Thread with 5/16" Hex to 500 Series Barb, 3/32" (2.4 mm) ID Tubing

Recommended torque:
Polypropylene - 1.5-2 in. lbs.
Kynar® - 2-4 in. lbs.

ABR007-J1A UNDER (-1 -2 -3 -4 -5 -J1A)
1/4-28 UNF Bottom Sealing Rotating Thread with 5/16" Hex to 500 Series Barb, 3/32" (2.4 mm) ID Tubing

Recommended torque:
Polypropylene - 1.5-2 in. lbs.
Kynar® - 2-4 in. lbs.

ABR013-6005 UNDER (-1 -2 -3 -4 -5 -6012)
1/4-28 UNF Bottom Sealing Rotating Thread with 5/16" Hex to 500 Series Barb, 1/8" (3.2 mm) ID Tubing

Recommended torque:
Polypropylene - 1.5-2 in. lbs.
Kynar® - 2-4 in. lbs.

ABR013-J1A UNDER (-1 -2 -3 -4 -5 -J1A)
1/4-28 UNF Bottom Sealing Rotating Thread with 5/16" Hex to 500 Series Barb, 1/8" (3.2 mm) ID Tubing

Recommended torque:
Polypropylene - 1.5-2 in. lbs.
Kynar® - 2-4 in. lbs.

TECS116 (-6005 -J1A)
1/4-28 UNF Bottom Sealing Thread Tube End Coupler with 5/16" Hex, 1/16" (1.6 mm) OD Tubing

TECS118 (-6005 -J1A)
1/4-28 UNF Bottom Sealing Thread Tube End Coupler with 5/16" Hex, 1/8" (3.2 mm) OD Tubing

THREAD: M6x1

M6210 (-1 -2 -6005)
M6x1 Thread with 5/16" Hex to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

M6410 (-1 -2 -6005 -J1A)
M6x1 Thread with 5/16" Hex to 400 Series Barb, 1/16" (1.6 mm) ID Tubing

M6220 (-1 -2 -6005 -J1A)
M6x1 Thread with 5/16" Hex to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

M6420 (-1 -2 -6005 -J1A)
M6x1 Thread with 5/16" Hex to 400 Series Barb, 3/32" (2.4 mm) ID Tubing

M6230 (-1 -2 -6005 -J1A)
M6x1 Thread with 5/16" Hex to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

M6430 (-1 -2 -6005 -J1A)
M6x1 Thread with 5/16" Hex to 400 Series Barb, 1/8" (3.2 mm) ID Tubing

M6240 (-1 -2 -6005 -J1A)
M6x1 Thread with 5/16" Hex to 200 Series Barb, 5/32" (4.0 mm) ID Tubing

M6445 (-1 -2 -6005 -J1A)
M6x1 Thread with 5/16" Hex to 400 Series Barb, .170" (4.3 mm) ID Tubing

THREAD: M6x1

M6250 (-1 -2 -6005 -J1A)
M6x1 Thread with 5/16" Hex to 200 Series Barb, 3/16" (4.8 mm) ID Tubing

M6450 (-1 -2 -6005 -J1A)
M6x1 Thread with 5/16" Hex to 400 Series Barb, 3/16" (4.8 mm) ID Tubing

M6P (-1 -2 -6005 -J1A)
M6x1 Thread Plug with 5/16" Hex

THREAD: M5x.8

M5210 (-1 -2 -6005)
M5x.8 Thread with 1/4" Hex to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

M5220 (-1 -2 -6005)
M5x.8 Thread with 1/4" Hex to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

M5230 (-1 -2 -6005)
M5x.8 Thread with 1/4" Hex to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

M5240 (-1 -2 -6005)
M5x.8 Thread with 1/4" Hex to 200 Series Barb, 5/32" (4.0 mm) ID Tubing

THREADED FITTINGS

Part Drawings Online!

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1610 (-1 -2 -6005 -J1A)
1/16-27 NPT Thread with 5/16" Hex to Classic Series Barb,
1/16" (1.6 mm) ID Tubing

16210 (-1 -2 -6005 -J1A)
1/16-27 NPT Thread with 5/16" Hex to 200 Series Barb,
1/16" (1.6 mm) ID Tubing

16410 (-1 -2 -6005 -J1A)
1/16-27 NPT Thread with 5/16" Hex to 400 Series Barb,
1/16" (1.6 mm) ID Tubing

1620 (-1 -2 -6005 -J1A)
1/16-27 NPT Thread with 5/16" Hex to Classic Series Barb,
3/32" (2.4 mm) ID Tubing

16220 (-1 -2 -6005 -J1A)
1/16-27 NPT Thread with 5/16" Hex to 200 Series Barb,
3/32" (2.4 mm) ID Tubing

16420 (-1 -2 -6005 -J1A)
1/16-27 NPT Thread with 5/16" Hex to 400 Series Barb,
3/32" (2.4 mm) ID Tubing

1630 (-1 -2 -6005 -J1A)
1/16-27 NPT Thread with 5/16" Hex to Classic Series Barb,
1/8" (3.2 mm) ID Tubing

16230 (-1 -2 -6005 -J1A)
1/16-27 NPT Thread with 5/16" Hex to 200 Series Barb,
1/8" (3.2 mm) ID Tubing

16430 (-1 -2 -6005 -J1A)
1/16-27 NPT Thread with 5/16" Hex to 400 Series Barb,
1/8" (3.2 mm) ID Tubing

1640 (-1 -2 -6005 -J1A)
1/16-27 NPT Thread with 5/16" Hex to Classic Series Barb,
5/32" (4.0 mm) ID Tubing

16240 (-1 -2 -6005 -J1A)
1/16-27 NPT Thread with 5/16" Hex to 200 Series Barb,
5/32" (4.0 mm) ID Tubing

16445 (-1 -2 -6005 -J1A)
1/16-27 NPT Thread with 5/16" Hex to 400 Series Barb,
.170" (4.3 mm) ID Tubing

1650 (-1 -2 -6005 -J1A)
1/16-27 NPT Thread with 5/16" Hex to Classic Series Barb,
3/16" (4.8 mm) ID Tubing

16250 (-1 -2 -6005 -J1A)
1/16-27 NPT Thread with 5/16" Hex to 200 Series Barb,
3/16" (4.8 mm) ID Tubing

16450 (-1 -2 -6005 -J1A)
1/16-27 NPT Thread with 5/16" Hex to 400 Series Barb,
3/16" (4.8 mm) ID Tubing

1600 (-1 -2 -6005 -J1A)
1/16-27 NPT Thread Plug with 5/16" Hex

THREAD:
1/8-27 NPT

1810 (-1 -2 -6005 -J1A)
1/8-27 NPT Thread with 7/16" Hex to Classic Series Barb,
1/16" (1.6 mm) ID Tubing

18210 (-1 -2 -6005 -J1A)
1/8-27 NPT Thread with 7/16" Hex to 200 Series Barb,
1/16" (1.6 mm) ID Tubing

18410 (-1 -2 -6005 -J1A)
1/8-27 NPT Thread with 7/16" Hex to 400 Series Barb,
1/16" (1.6 mm) ID Tubing

1820 (-1 -2 -6005 -J1A)
1/8-27 NPT Thread with 7/16" Hex to Classic Series Barb,
3/32" (2.4 mm) ID Tubing

18220 (-1 -2 -6005 -J1A)
1/8-27 NPT Thread with 7/16" Hex to 200 Series Barb,
3/32" (2.4 mm) ID Tubing

18420 (-1 -2 -6005 -J1A)
1/8-27 NPT Thread with 7/16" Hex to 400 Series Barb,
3/32" (2.4 mm) ID Tubing

1830 (-1 -2 -6005 -J1A)
1/8-27 NPT Thread with 7/16" Hex to Classic Series Barb,
1/8" (3.2 mm) ID Tubing

18230 (-1 -2 -6005 -J1A)
1/8-27 NPT Thread with 7/16" Hex to 200 Series Barb,
1/8" (3.2 mm) ID Tubing

18430 (-1 -2 -6005 -J1A)
1/8-27 NPT Thread with 7/16" Hex to 400 Series Barb,
1/8" (3.2 mm) ID Tubing

1840 (-1 -2 -6005 -J1A)
1/8-27 NPT Thread with 7/16" Hex to Classic Series Barb,
5/32" (4.0 mm) ID Tubing

18240 (-1 -2 -6005 -J1A)
1/8-27 NPT Thread with 7/16" Hex to 200 Series Barb,
5/32" (4.0 mm) ID Tubing

18445 (-1 -2 -6005 -J1A)
1/8-27 NPT Thread with 7/16" Hex to 400 Series Barb,
.170" (4.3 mm) ID Tubing

1850 (-1 -2 -6005 -J1A)
1/8-27 NPT Thread with 7/16" Hex to Classic Series Barb,
3/16" (4.8 mm) ID Tubing

1860 (-1 -2 -6005 -6012 -J1A)
1/8-27 NPT Thread with 7/16" Hex to Classic Series Barb,
1/4" (6.4 mm) ID Tubing

THREAD:
1/8-27 NPT Elbows

18L230 (-1 -2 -6005 -6012 -J1A)
1/8-27 NPT Thread Elbow with 7/16" Hex to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

18L250 (-1 -2 -6005 -J1A)
1/8-27 NPT Thread Elbow with 7/16" Hex to 200 Series Barb, 3/16" (4.8 mm) ID Tubing

18L260 (-1 -2 -6005 -J1A)
1/8-27 NPT Thread Elbow with 7/16" Hex to 200 Series Barb, 1/4" (6.4 mm) ID Tubing

THREAD:
1/8-27 NPT Tees

18T250 (-1 -2 -6005 -J1A)
1/8-27 NPT Thread Tee with 7/16" Hex to 200 Series Barb, 3/16" (4.8 mm) ID Tubing

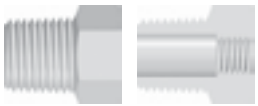
18T260 (-1 -2 -6005 -J1A)
1/8-27 NPT Thread Tee with 7/16" Hex to 200 Series Barb, 1/4" (6.4 mm) ID Tubing

THREAD:
1/8-27 NPT Plugs

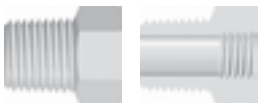
1800 (-1 -2 -6005 -J1A)
1/8-27 NPT Thread Plug with 7/16" Hex

THREAD:
1/8-27 NPT Reducers

1801 (-1 -2 -6005 -J1A)
Reducer with 1/8-27 NPT Male Thread and 7/16" Hex to 10-32 UNF Female Thread

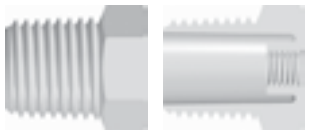


1802 (-1 -2 -6005 -J1A)
Reducer with 1/8-27 NPT Male Thread and 7/16" Hex to 1/4-28 UNF Female Thread

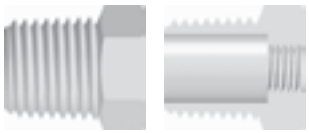


THREAD:
1/4-18 NPT Reducers

1401 (-1 -2 -6005 -J1A)
Reducer with 1/4-18 NPT Male Thread and 9/16" Hex to 10-32 UNF Female Thread



1402 (-1 -2 -6005 -J1A)
Reducer with 1/4-18 NPT Male Thread and 9/16" Hex to 1/4-28 UNF Female Thread



Need Samples for Evaluation?

You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.
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BUILD-A-PART®

Fittings

Junction Blocks
PG-99

Accessories
PG-100

Barbs
PG-100

Threads
PG-101

Bonding Suggestions

Prior to actually bonding, press together a model of the manifold to use as a reference.

Do not mix plastic resins. Consult your adhesive specialist if you need to bond dissimilar materials.

These components are designed for bonding with any one of a number of solvents, but other adhesive systems may be used. When solvent bonding, use a very small gauge needle (typically 27 or 30) for best solvent control. Consult your adhesive specialist for guidance on other systems.

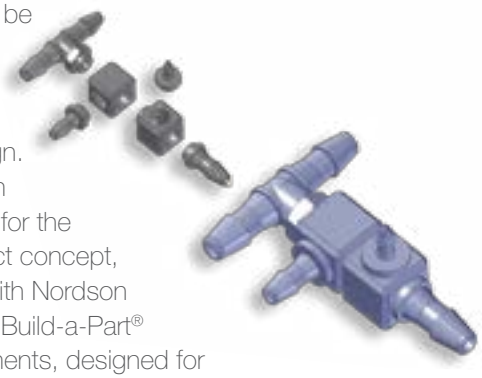
Apply solvent sparingly. Most solvents are low viscosity and readily wick into the bondline. Excessive solvent may compromise the aesthetics and the function of the assembly.

Press the mating components together leaving a .01-.03" gap between them for the solvent. Place the components in an orientation such that they may be rotated ¼ turn to their final position after applying the solvent.

After applying solvent, wait a few seconds, then rotate the components to their final position. When making a long manifold with bondable junction blocks it may be helpful to push the assembly against a flat surface to align the blocks before the solvent has set.

Affordable Unique Solutions:
Design Your New Component with Build-A-Part® Bondable Components!

Component designers no longer need to be constrained by the limitations of injection molding tool design. The exact fitting, in the optimal layout for the process or product concept, is now available with Nordson MEDICAL's line of Build-a-Part® bondable components, designed for use with gases or liquids.

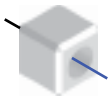
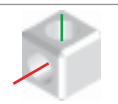
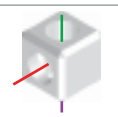
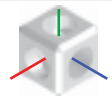
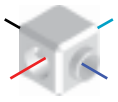
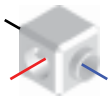
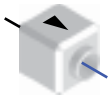
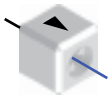


The Build-a-Part® system is based on combining interchangeable components, joining junction blocks and luers, hose barbs or threaded features to create the desired configuration. The features are bonded to the junction blocks using commonly available adhesives. Junction blocks and features may be bonded together to create multi-port, multi-axis products that receive and redirect fluid flow in whatever direction the designer desires. The only limitation is the designer's imagination.

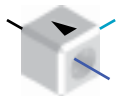
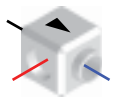
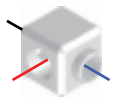
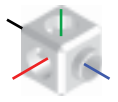
114 component options are available from stock in two primary materials. Options include ISO 594-1 compliant male and female luers and hose barbs in 1/16" (1.6 mm), 3/32" (2.4 mm) and 1/8" (3.2 mm) in straight, elbow and branch tee configurations. Also available are male threads including 10-32 UNF, 1/16-27 NPT, 1/8-27 NPT, 1/4-28 UNF and M6x1 versions, and mounting devices.

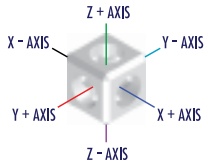
The complete range is available in two primary resins: white ABS or translucent polysulfone. For ease of testing concepts, Nordson MEDICAL offers designer kits in both resins. Each kit contains hundreds of components for prototype purposes, enabling designs to be created and modified prior to production commitment.

805 West 71st Street • Loveland, CO 80538 • USA TEL: +1 (970) 267-5200 TOLL FREE in USA: (888) 404-5837 WWW.NORDSONMEDICAL.COM

BLOCK	NUMBER	MATERIAL
Build-A-Part® Junction Blocks. See Configuration Table for specifications.		
	BDJ01-40	Polysulfone
	BDJ01-81	Lace White ABS
	BDJ02-40	Polysulfone
	BDJ02-81	Lace White ABS
	BDJ03-40	Polysulfone
	BDJ03-81	Lace White ABS
	BDJ04-40	Polysulfone
	BDJ04-81	Lace White ABS
	BDJ05-40	Polysulfone
	BDJ05-81	Lace White ABS
	BDJ06-40	Polysulfone
	BDJ06-81	Lace White ABS
	BDJ07-40	Polysulfone
	BDJ07-81	Lace White ABS
	BDJ08-40	Polysulfone
	BDJ08-81	Lace White ABS
	BDJ09-40	Polysulfone
	BDJ09-81	Lace White ABS
	BDJ10-40	Polysulfone
	BDJ10-81	Lace White ABS
	BDJ11-40	Polysulfone
	BDJ11-81	Lace White ABS
	BDJ12-40	Polysulfone
	BDJ12-81	Lace White ABS
	BDJ13-40	Polysulfone
	BDJ13-81	Lace White ABS
	BDJ14-40*	Polysulfone
	BDJ14-81*	Lace White ABS
	BDJ15-40*	Polysulfone
	BDJ15-81*	Lace White ABS

*Check valve junction block. For use with RB01 and SB01

BLOCK	NUMBER	MATERIAL
Build-A-Part® Junction Blocks with Mounting Port. See Configuration Table for specifications.		
	BDJ16-40*	Polysulfone
	BDJ16-81*	Lace White ABS
	BDJ17-40*	Polysulfone
	BDJ17-81*	Lace White ABS
	BDJ18-40	Polysulfone
	BDJ18-81	Lace White ABS
	BDJ19-40	Polysulfone
	BDJ19-81	Lace White ABS
	BDJ20-40	Polysulfone
	BDJ20-81	Lace White ABS
	BDJ21-40	Polysulfone
	BDJ21-81	Lace White ABS
	BDJ22-40	Polysulfone
	BDJ22-81	Lace White ABS



Build-A-Part® Junction Block Configuration Table

BLOCK	X+ AXIS	X- AXIS	Y+ AXIS	Y- AXIS	Z+ AXIS	Z- AXIS
BDJ01	Female	Female				
BDJ02			Female		Female	
BDJ03			Female		Female	Female
BDJ04	Female	Female	Female	Female		
BDJ05	Female		Female		Female	
BDJ06	Female		Female		Female	Female
BDJ07	Female	Female	Female	Female	Female	
BDJ08	Female	Female	Female	Female	Female	Female
BDJ09	Male	Female	Female		Female	Female
BDJ10	Male	Female	Female	Female	Female	Female
BDJ11	Male	Female	Female	Female		
BDJ12	Male	Female	Female			
BDJ13	Male	Female	Female		Female	
BDJ14	Male	Female				
BDJ15	Female	Female				
BDJ16	Female	Female		Female[a]		
BDJ17	Male	Female	Female[a]			
BDJ18	Male[b]	Female	Female		Female	Female
BDJ19	Male[b]	Female	Female	Female	Female	Female
BDJ20	Male[b]	Female	Female	Female		
BDJ21	Male[b]	Female	Female			
BDJ22	Male[b]	Female	Female		Female	

[a]For non-flow manifolding [b]For use with BDMD

RB01 (-X2) SB01 (-X0)
Check Valve Ball 5/32" Diameter

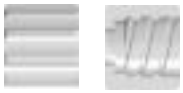
BDMRP (-40 -81)
Bondable Plug

BDMD (-40 -81)
Bondable Mounting Device

BDMFTLL (-40 -81 -9)
Bondable Female Luer Thread Style

BDMMTL (-40 -81)
Bondable Male Luer (May be used with separate rotating lock ring; RMLLR)

RMLLR (-1 -2 -3 -4 -5 -06 -07 -6005 -9 -9002 -J1A)
Rotating Male Luer Lock Ring (For use with BDMMTL)



BDMR210 (-40 -81 -9 -9002)
Bondable 200 Series Barb, 1/16" (1.6 mm) ID Tubing

BDMR410 (-40 -81)
Bondable 400 Series Barb, 1/16" (1.6 mm) ID Tubing

BDMR220 (-40 -81)
Bondable 200 Series Barb, 3/32" (2.4 mm) ID Tubing

BDMR420 (-40 -81)
Bondable 400 Series Barb, 3/32" (2.4 mm) ID Tubing

BDMR230 (-40 -81)
Bondable 200 Series Barb, 1/8" (3.2 mm) ID Tubing

BDMR430 (-40 -81)
Bondable 400 Series Barb, 1/8" (3.2 mm) ID Tubing

BDMR240 (-40 -6005 -81)
Bondable 200 Series Barb, 5/32" (4.0 mm) ID Tubing

BDMR445 (-40 -81)
Bondable 400 Series Barb, .170" (4.3 mm) ID Tubing

BDML210 (-40 -81 -9)
Bondable Elbow 200 Series Barb, 1/16" (1.6 mm) ID Tubing

BDML410 (-40 -81)
Bondable Elbow 400 Series Barb, 1/16" (1.6 mm) ID Tubing

BDML220 (-40 -81 -9)
Bondable Elbow 200 Series Barb, 3/32" (2.4 mm) ID Tubing

BDML420 (-40 -81)
Bondable Elbow 400 Series Barb, 3/32" (2.4 mm) ID Tubing

BDML230 (-40 -81)
Bondable Elbow 200 Series Barb, 1/8" (3.2 mm) ID Tubing

BDML430 (-40 -81)
Bondable Elbow 400 Series Barb, 1/8" (3.2 mm) ID Tubing

BDMT210 (-40 -81)
Bondable Tee 200 Series Barb, 1/16" (1.6 mm) ID Tubing

BDMT410 (-40 -81)
Bondable Tee 400 Series Barb, 1/16" (1.6 mm) ID Tubing

BDMT220 (-40 -81)
Bondable Tee 200 Series Barb, 3/32" (2.4 mm) ID Tubing

BDMT420 (-40 -81)
Bondable Tee 400 Series Barb, 3/32" (2.4 mm) ID Tubing

BDMT230 (-40 -81)
Bondable Tee 200 Series Barb, 1/8" (3.2 mm) ID Tubing

BDMT430 (-40 -81)
Bondable Tee 400 Series Barb, 1/8" (3.2 mm) ID Tubing

Need it Fast?

You can order any of our 4,000+ parts online now with no order $ minimums, 24 hours a day, 7 days a week!
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BDMK (-40 -81)
Bondable 10-32 UNF Thread with 1/4" Hex

BDMX (-40 -81)
Bondable 10-32 Special Tapered Thread with 1/4" Hex

BDMS (-81)
Bondable 1/4-28 UNF Thread with 5/16" Hex

BDMM6 (-40 -81)
Bondable M6x1 Thread with 5/16" Hex

BDM16 (-40 -81)
Bondable 1/16-27 NPT Thread with 5/16" Hex

BDM18 (-40 -81)
Bondable 1/8-27 NPT Thread with 7/16" Hex

BDF16 (-40 -81)
Bondable 1/16-27 NPT Thread with 5/16" Hex

BDF18 (-40 -81)
Bondable 1/8-27 NPT Thread with 7/16" Hex

BDFM6 (-40 -81)
Bondable M6x1 Thread with 5/16" Hex

BDFS (-40 -81)
Bondable 1/4-28 UNF Thread with 5/16" Hex

TUBING
Medical Grade

Polyvinyl Chloride (PVC) Tubing
PG-102

Polyurethane Tubing
PG-103

Low Density Polyethylene Tubing
PG-103

Silicone Tubing
PG-103

Thermoplastic Elastomer (TPE) Tubing
PG-103

TUBING:
Polyvinyl Chloride (PVC)

75 Durometer
Our PVC tubing is a very cost effective product that can satisfy a broad array of end use applications. It is flexible in nature, optically clear, and easily sterilized.

Resin Grade & Technical Information:
This tubing is extruded from Teknor® PVC80-NP resin, which is in compliance with all US Food & Drug Administration regulations for food grade use under Title 21 CFR. It is also certified USP Class VI. It can be sterilized by gamma radiation or Ethylene Oxide (EtO) gas. This tubing is not autoclavable.

DIMENSION (ID X OD X LGTH)	NUMBER
1/16" X 1/8" X 100'	PV00-1031C
1/16" X 1/8" X 1000'	PV00-1031M
3/32" X 3/16" X 100'	PV00-2047C
1/8" X 1/4" X 100'	PV00-3062C
1/8" X 1/4" X 1000'	PV00-3062M
3/16" X 5/16" X 100'	PV00-5062C
1/4" X 3/8" X 100'	PV00-6062C

Technical Assistance

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Need Samples for Evaluation?

You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.
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80 Durometer

Our polyurethane tubing is extremely kink resistant. It is also highly resistant to abrasion and scuffing. It is widely accepted as a premium material for medical device use because of its flexible nature and easy sterilizability.

Resin Grade & Technical Information:

This tubing is extruded from Lubrizol's® compound Pellethane PUR80A-MED, which has passed USP Class VI testing. It can be sterilized by gamma radiation or Ethylene Oxide (EtO) gas. Please do not autoclave this tubing, as it may alter the chemical nature of the resin.

DIMENSION (ID X OD X LGTH)	NUMBER
1/16" X 1/8" X 100'	UR00-1031C
1/16" X 1/8" X 1000'	UR00-1031M
3/32" X 3/16" X 100'	UR00-2047C
3/32" X 3/16" X 1000'	UR00-2047M
1/8" X 1/4" X 100'	UR00-3062C

TUBING:
Low Density Polyethylene

92 Durometer

Our polyethylene tubing has excellent mechanical and chemical resistance properties. However, please use caution if your application involves possible bending or kinking the tubing. It is a semi-rigid material and will be permanently deformed if kinked or bent too tight.

Resin Grade & Technical Information:

This tubing is extruded from Equistar® LLDPE, which is in compliance with all U.S. Food & Drug Administration regulations for food grade use under Title 21 CRF. It can be sterilized by gamma radiation or Ethylene Oxide (EtO) gas. Autoclaving is not recommended.

DIMENSION (ID X OD X LGTH)	NUMBER
1/16" X 1/10" X 100'	LLDPE01-1019C
1/16" X 1/10" X 1000'	LLDPE01-1019M
1/16" X 1/8" X 100'	LLDPE01-1031C
1/16" X 1/8" X 1000'	LLDPE01-1031M
3/32" X 5/32" X 100'	LLDPE01-2031C
3/32" X 5/32" X 1000'	LLDPE01-2031M
1/8" X 3/16" X 100'	LLDPE01-3031C
1/8" X 3/16" X 1000'	LLDPE01-3031M

50 Shore A

Our silicone tubing is extruded from a low-volatile grade, platinum-cured compound that is ideal for critical applications in pharmaceutical, biotech, medical, food, and beverage industries.

Resin Grade & Technical Information:

This tubing is extruded and packaged in a Class 7 (Class 10,000) ISO-certified clean room. It has undergone extensive physical, chemical, and biological testing and meets USP Class VI, FDA CFR 177.2600, ISO 10993, European Pharmacopoeia 3.1.9, and 3-A standards. It is certified free of animal-derived ingredients and is certified by the National Sanitation Foundation for use in food equipment materials (NSF-51). It offers a temperature range use of -100° F (-73.3° C) to 400° F (204.4° C) and is sterilizable by autoclave or gamma irradiation.

DIMENSION (ID X OD X LGTH)	NUMBER
1/16" X 1/8" X 50'	SILC7001098
1/8" X 1/4" X 50'	SILC7001657
1/4" X 3/8" X 50'	SILC7002203
3/8" X 5/8" X 50'	SILC7002593
1/2" X 3/4" X 50'	SILC7002775
3/4" X 1" X 50'	SILC7003139

TUBING:
Thermoplastic Elastomer (TPE)

65 Shore A

Our Biopharmaceutical-grade TPE tubing is sterile weldable, heat sealable, moldable, and offers excellent life in peristaltic pumps. It is ideal for use in single-use processes for sampling, filling, and storage tubing set assemblies.

Resin Grade & Technical Information:

This tubing is made from FDA-approved ingredients, certified free of silicone oils and animal derived ingredients, and is sterilizable by autoclave or gamma irradiation. It meets various ISO and USP standards, including Class VI, as well as European Pharmacopoeia 3.2.2.1. It also offers excellent low absorption and permeability as compared to silicone tubing.

DIMENSION (ID X OD X LGTH)	NUMBER
1/8" X 1/4" X 50'	AF7500077
3/16" X 5/16" X 50'	AF7500155
1/4" X 7/16" X 50'	AF7500311
3/8" X 5/8" X 50'	AF7500506
1/2" X 3/4" X 50'	AF7500584
3/4" X 1" X 50'	AF7500753

OTHER
Components

Tapered Seal
PG-104

Clamps
PG-106

Injection Sites
PG-106

Spikes
PG-106

Tubesetter® Assembly Tool
PG-107

Designer Kits
PG-108

TSC Series
Tapered Seal

With TSC Series conical seal fittings, Nordson MEDICAL expands its range of products for small-bore connector applications in medical devices. TSC Series products offer the reliability, convenience and ease of use of luer fittings in a design that cannot be interconnected with conventional luers and avoid tubing misconnections. These luer alternatives are available in sizes to fit 1/8" (3.2 mm) and 3/16" (4.8 mm) ID flexible tubing.

Features & Benefits:

- Ergonomic grip
- Conical (tapered) seal
- 15% higher flow capacity than conventional luers
- Polypropylene resin
- Cannot interconnect with conventional luers taper fittings
- 500 Series single barbs

SMALL BORE CONNECTORS:
Male

TSC2M210 (-6005)
Male Taper Seal Non-Luer Connector to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

TSC2M013 (-6005)
Male Taper Seal Non-Luer Connector to 500 Series Barb, 1/8" (3.2 mm) ID Tubing

TSC2M035 (-6005)
Male Taper Seal Non-Luer Connector to 500 Series Barb, 3/16" (4.8 mm) ID Tubing

805 West 71st Street • Loveland, CO 80538 • USA TEL: +1 (970) 267-5200 TOLL FREE in USA: (888) 404-5837 WWW.NORDSONMEDICAL.COM

SMALL BORE CONNECTORS:
Female

TSC2F210 (-6005)
Female Taper Seal Non-Luer Connector to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

TSC2F007 (-6005)
Female Taper Seal Non-Luer Connector to 500 Series Barb, 3/32" (2.4 mm) ID Tubing

TSC2F013 (-6005)
Female Taper Seal Non-Luer Connector to 500 Series Barb, 1/8" (3.2 mm) ID Tubing

TSC2F035 (-6005)
Female Taper Seal Non-Luer Connector to 500 Series Barb, 3/16" (4.8 mm) ID Tubing

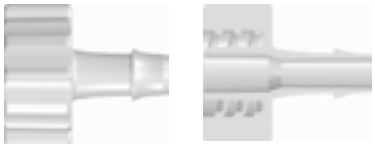
TSC2FB230 (-6005)
Female Taper Seal Non-Luer with 1/4-28 UNF Panel Mount to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

Small BORE CONNECTORS:
Plugs and Caps

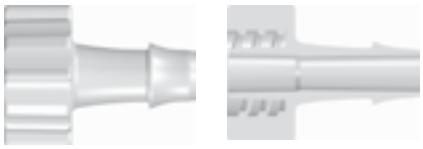
TSC2MP (-6005) 1,000 piece minimum
Male Taper Seal Non-Luer Plug with Tether Recess

LARGE BORE CONNECTORS:
Male

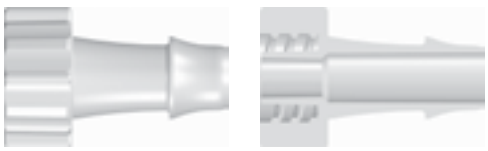
MLB035 (-1 -8012 -9)
Male Large Bore Non-Luer Connector to 500 Series Barb, 3/16" (4.8 mm) ID Tubing



MLB055 (-1 -8012 -9)
Male Large Bore Non-Luer Connector to 500 Series Barb, 1/4" (6.4 mm) ID Tubing

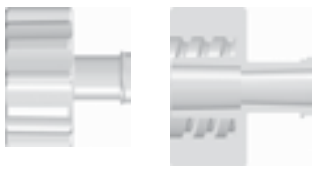


MLB065 (-1 -8012 -9)
Male Large Bore Non-Luer Connector to 500 Series Barb, 5/16" (8.0 mm) ID Tubing



MLBC7 (-9002)
Male Large Bore Non-Luer Connector with Integral Lock Ring to Male Slip Luer (May be used with separate rotating lock ring; FSLLR)

MLBC8 (-9002)
Male Large Bore Non-Luer Connector with Integral Lock Ring to Female Thread-Style Locking Luer



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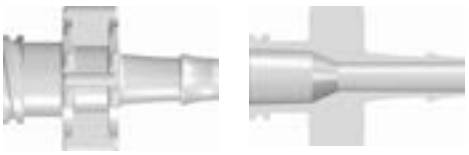
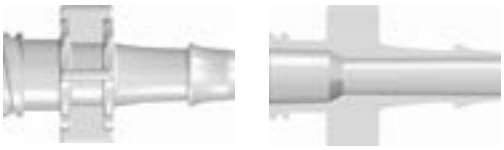
www.nordsonmedical.com

LARGE BORE CONNECTORS:
Female

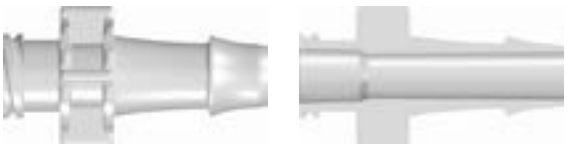
FLB035 (-1 -8012 -9)
Female Large Bore Non-Luer Connector to 500 Series Barb, 3/16" (4.8 mm) ID Tubing



FLB055 (-1 -2 -8012 -9)
Female Large Bore Non-Luer Connector to 500 Series Barb, 1/4" (6.4 mm) ID Tubing



FLB065 (-1 -8012 -9)
Female Large Bore Non-Luer Connector to 500 Series Barb, 5/16" (8.0 mm) ID Tubing



LARGE BORE CONNECTORS:
Plugs and Caps

FLBP (-1 -8012 -9)
Female Large Bore Non-Luer Cap

MLBP (-1 -2 -8012 -9 -9002)
Male Large Bore Non-Luer Plug

OTHER COMPONENTS:
Components

VPM2930601N (White ABS)
Tube Clamp with Split, 1/8" (3.2 mm) OD Tubing

VPS3901074N (Polyisoprene with ABS Acrylic Body)
IN-4000 Intermittent Injection Site to Male Luer Lock

VPM1060200N (Clear Low Density Polyethylene)
Long Spike Guard Closed at Tip

VPM0480201N (White Polyethylene)
Luer Tip Syringe Cap

VPB0850400N (Clear ABS)
Female Luer Thread Style Coupler

VPM1080303N (Blue Polyethylene)
Male Luer Integral Lock Ring Plug

VPS5069200N (White ABS Spike with Clear LDPE Guard)
Bag Spike with Vented Guard (Replaces VPS5069700N)

MANUAL TUBESETTER®

Designed for rapid assembly of barb to tube connections, the Tubesetter® assembly tool joins flexible tubing and Nordson MEDICAL's barbed fitting, applying the force necessary to push the tube over the barb. No external power source is needed. Made almost entirely of acetal plastic, the device is easy to clean and suitable for operation in most environments. Consider the Manual Small Fitting Tubesetter® assembly tool for prototype assembly or lower-volume manufacturing needs.

Nordson MEDICAL's Tubesetter® assembly tool sets the standard for effortless tube set production. The Tubesetter® product joins flexible tubing and Nordson MEDICAL's barbed fitting, applying the force necessary to push the tube over the barb, providing efficiency, economy and ease of use over other connection alternatives without adhesives or solvents!

Manual Tubesetter®:

- Easy to use
- Excellent for volumes up to 1,000 assemblies per month
- Accommodates tubing from 3/32" to 3/8" OD
- Configurable for: Luers - Straights - Ys - Tees - Elbows
- Requires no electricity or pneumatic power
- Long-life acetal construction

PART	DESCRIPTION
930B1A	Manual TUBESETTER® Base
930JS*	Standard Jaw Set
930AS*	Standard Flip Top Anvil
920PS*	Standard Pin Set Assembly

*The base manual TUBESETTER® unit requires a jaw set, anvil assembly and pin set assembly. An additional engineering fee may be required for a custom application.

Custom Assembly

We produce standard components to fit your current assemblies and devices, but we also provide custom solutions by applying a variety of assembly options, such as joining fittings, connectors, filters, and other components to tubing. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.

Technical Assistance

Trying to choose the correct part? Need more material information than is published in this catalog? Call Nordson MEDICAL Technical Support **(970) 267-5200**.

Need More Details?

Part drawings, minimum order quantities, and CAD requests can be found online. Visit **www.nordsonmedical.com** or contact Sales at **sales@nordsonmedical.com**.

ASSORTED DESIGNER KIT (Part number - ASSORTED KIT-001)

Our Assorted Kit provides a cross section of many components designed and manufactured by Nordson MEDICAL. This kit contains a variety of our popular components, including luers, tube-to-tube and threaded fittings. Please see www.nordsonmedical.com for a complete list of all included parts.

Note: Due to our ever increasing product line, Kit contents are subject to change without notice. Kits may include one or more of each component in a variety of materials.

LUER DESIGNER KIT (Part Number - LUER KIT-001)

Our Luer Kit contains male and female luers, luer plugs, couplers, tees, elbows as well as blood pressure cuff and monitor fittings. Luer tapers are made to ISO standards. Please see www.nordsonmedical.com for a complete list of all included parts.

Note: Due to our ever increasing product line, Kit contents are subject to change without notice. Kits may include one or more of each component in a variety of materials.

TUBE-TO-TUBE DESIGNER KIT (Part Number - TUBE-TO-TUBE KIT-001)

Our Tube-to-Tube Kit contains a variety of fittings in different configurations - and one that is sure to work for your application. Some of the fittings contained in this kit include straight-thru connectors, tees, elbows, Ys, and press-in plugs. Please see www.nordsonmedical.com for a complete list of all included parts.

Note: Due to our ever increasing product line, Kit contents are subject to change without notice. Kits may include one or more of each component in a variety of materials.

XQ DESIGNER KIT (Part Number - XQ KIT-001)

Our XQ Kit contains an assortment of XQ Series Quick Connect Fittings (Quick Disconnect Couplings). Please see www.nordsonmedical.com for a complete list of all included parts.

Note: Due to our ever increasing product line, Kit contents are subject to change without notice. Kits may include one or more of each component in a variety of materials.

BLOOD PRESSURE DESIGNER KIT (Part Number - BP KIT-001)

Our Blood Pressure Kit contains a variety of blood pressure fittings that are manufactured by Nordson MEDICAL. Some of the fittings contained in this kit include quick connect fittings, connectors, panel mounts and adaptors. Please see www.nordsonmedical.com for a complete list of all included parts.

Note: Due to our ever increasing product line, Kit contents are subject to change without notice. Kits may include one or more of each component in a variety of materials.

BIOPHARM DESIGNER KIT (Part Number - BIOPHARM KIT-001)

Our Biopharm Designer Kit contains a variety of fittings that are commonly found within the BioPharm market. Some of the fittings contained in this kit include our larger fittings of Y's, T's, elbows, straight through and reducing connectors ranging from 3/8" to 1", sanitary fittings, clamps, quick connects and gaskets. Please see www.nordsonmedical.com for a complete list of all included parts.

Note: Due to our ever increasing product line, Kit contents are subject to change without notice. Kits may include one or more of each component in a variety of materials.

BUILD-A-PART DESIGNER KIT (Part Number - KIT01-81 -KIT01-40)

Our Build-A-Part Kits are available in two different materials: White ABS or Polysulfone. Contained in these kits are luers, elbows, tees, and junction blocks. Please see www.nordsonmedical.com for a complete list of all included parts.

Note: Due to our ever increasing product line, Kit contents are subject to change without notice. Kits may include one or more of each component in a variety of materials.

INK JET DESIGNER KIT (Part Number - INK JET KIT-001)

A cross section of many components designed and manufactured by Nordson MEDICAL. Includes luers, tube-to-tube and threaded fittings commonly used by Ink Jet Printer Manufacturers. Please see www.nordsonmedical.com for a complete list of all included parts.

Note: Due to our ever increasing product line, Kit contents are subject to change without notice. Kits may include one or more of each component in a variety of materials.

TECHNICAL
Information

Barb Dimensions **PG-110**

Barb Performance **PG-112**

BPF Series Performance **PG-113**

Panel Mount Instructions **PG-113**

Resin Information **PG-114**

Trademarks **PG-117**

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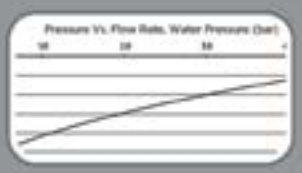
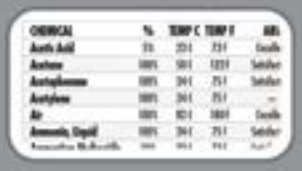




A - Z

TECHNICAL:
Barb Dimensions

The **CLASSIC SERIES** is characterized by a longer barb that extends the sealing surface of the fitting. Tubing is expanded from 42% to 69% above its nominal ID.

Barb Size	Barb OD	Barb ID	Tube Internal Diameter		
			Dec.	Frac.	Metric
10	0.105	0.046	0.063	1/16"	1.6 mm
20	0.145	0.060	0.094	3/32"	2.4 mm
30	0.187	0.078	0.125	1/8"	3.2 mm
40	0.234	0.100	0.156	5/32"	4.0 mm
50	0.280	0.130	0.188	3/16"	4.8 mm
60	0.355	0.187	0.250	1/4"	6.4 mm

The **200 SERIES** offers outstanding performance characteristics when used with flexible tubing. Tubing is expanded by 50% above its nominal ID, permitting high-pressure capabilities.

Barb Size	Barb OD	Barb ID	Tube Internal Diameter		
			Dec.	Frac.	Metric
210	0.094	0.047	0.063	1/16"	1.6 mm
220	0.141	0.070	0.094	3/32"	2.4 mm
230	0.188	0.094	0.125	1/8"	3.2 mm
240	0.234	0.117	0.156	5/32"	4.0 mm
250	0.282	0.141	0.188	3/16"	4.8 mm
260	0.375	0.188	0.250	1/4"	6.4 mm

The **300 SERIES** offers outstanding performance characteristics when used with flexible tubing. Tubing is expanded by 35% above its nominal ID, permitting high-pressure capabilities in the larger tube sizes.

Barb Size	Barb OD	Barb ID	Tube Internal Diameter		
			Dec.	Frac.	Metric
360	0.338	0.192	0.250	1/4"	6.4 mm

*Variations of barb IDs may exist. Please visit www.nordsonmedical.com to learn more about these alternatives. The data presented here is for reference only. It was compiled to provide our customers with a means of comparing the characteristics of components at the time of publication. The particular conditions of your use and application of our products are beyond our control. Thus, it is imperative that you test our products in your specific application to determine their suitability. All information is provided without implied or express warranty or guarantee by Nordson MEDICAL or other manufacturers. None of the information provided constitutes a recommendation or endorsement of any kind by Nordson MEDICAL.

The **400 SERIES** provides easy assembly while maintaining excellent pressure and tensile capabilities. Originally created for semi-rigid tubing, this series is preferred for applications where tensile/pressure properties are not highly critical, or when ease of assembly is desired. The 400 Series expands the tubing 25% above its nominal ID.

Barb Size	Barb OD	Barb ID	Tube Internal Diameter		
			Dec.	Frac.	Metric
410	0.078	0.046	0.063	1/16"	1.6 mm
420	0.117	0.068	0.094	3/32"	2.4 mm
430	0.156	0.092	0.125	1/8"	3.2 mm
440	0.206	0.125	0.156	5/32"	4.0 mm
445	0.213	0.125	0.170	-	4.3 mm
450	0.234	0.137	0.188	3/16"	4.8 mm
460	0.313	0.184	0.250	1/4"	6.4 mm

The **500 SERIES** profile is composed of blended radii, giving it the distinct look. Each barb is designed to accommodate a range of tube sizes and tube types. Consideration should be given to flow restriction, pressure capability, and the force required for assembly of the tube.

Barb Size	Barb OD	Barb ID*	Tube Internal Diameter		
			Dec.	Frac.	Metric
004	0.102	0.060	0.063	1/16"	1.6 mm
007	0.129	0.076	0.094	3/32"	2.4 mm
013	0.164	0.096	0.125	1/8"	3.2 mm
025	0.208	0.122	0.156	5/32"	4.0 mm
035	0.264	0.155	0.188	3/16"	4.8 mm
055	0.335	0.197	0.250	1/4"	6.4 mm
065	0.425	0.250	0.312	5/16"	8.0 mm
N070	0.483	0.262	0.375	3/8"	9.5 mm
L070	0.483	0.251	0.375	3/8"	9.5 mm
T070	0.483	0.290	0.375	3/8"	9.5 mm
Y070	0.483	0.290	0.375	3/8"	9.5 mm
N080	0.613	0.333	0.500	1/2"	12.7 mm
L080	0.613	0.319	0.500	1/2"	12.7 mm
T080	0.613	0.356	0.500	1/2"	12.7 mm
Y080	0.613	0.362	0.500	1/2"	12.7 mm
N090	0.718	0.390	0.625	5/8"	16.0 mm
L090	0.718	0.374	0.625	5/8"	16.0 mm
T090	0.718	0.374	0.625	5/8"	16.0 mm
Y090	0.718	0.390	0.625	5/8"	16.0 mm
N100	0.853	0.465	0.750	3/4"	19.0 mm
L100	0.853	0.443	0.750	3/4"	19.0 mm
T100	0.853	0.447	0.750	3/4"	19.0 mm
Y100	0.853	0.492	0.750	3/4"	19.0 mm
N110	1.125	0.623	1.000	1"	25.4 mm
L110	1.125	0.600	1.000	1"	25.4 mm
T110	1.125	0.600	1.000	1"	25.4 mm
Y110	1.125	0.623	1.000	1"	25.4 mm

The **600 SERIES** barbs are designed for use with silicone, C-Flex® and PVC tubing sizes commonly used in biopharm and other applications. Tubing is expanded from 18% to 34% above its nominal ID to maintain a low profile and ease of assembly, and the straight barb stem facilitates use of recommended cable tie retainers or hose clamps.

Barb Size	Barb OD	Barb ID*	Tube Internal Diameter		
			Dec.	Frac.	Metric
630	0.188	0.085	0.125	1/8"	3.2 mm
655	0.335	0.181	0.250	1/4"	6.4 mm
670	0.490	0.296	0.375	3/8"	9.5 mm
680	0.625	0.403	0.500	1/2"	12.7 mm
690	0.762	0.499	0.625	5/8"	16.0 mm
6100	0.900	0.615	0.750	3/4"	19.0 mm
6110	1.180	0.804	1.000	1"	25.4 mm

The **700 SERIES** barb is designed for use with Nordson MEDICAL's XQ Series quick connect fittings. This unique single barb is available in sizes to fit the 1/4" (6.4 mm), 5/16" (7.9 mm) and 3/8" (9.5 mm) ID tubing sizes and materials commonly used in disposable and reusable medical equipment. Reinforced PVC, unreinforced PVC and polyurethane tubing materials work well with this barb style.

Barb Size	Barb OD	Barb ID	Tube Internal Diameter		
			Dec.	Frac.	Metric
755	0.329	0.204	0.250	1/4"	6.4 mm
765	0.398	0.245	0.312	5/16"	7.9 mm
770	0.455	0.302	0.375	3/8"	9.5 mm

The **900 SERIES** offers outstanding performance characteristics when used with flexible tubing. Tubing is expanded from 8% to 17% above its nominal ID. This barb provides high flow efficiency and excellent tensile strength. A hose clamp is recommended for this series.

Barb Size	Barb OD	Barb ID	Tube Internal Diameter		
			Dec.	Frac.	Metric
970	0.437	0.269	0.375	3/8"	9.5 mm
975	0.573	0.358	0.500	1/2"	12.7 mm

The **3200 SERIES** is designed for semi-rigid tubing and is preferred for applications where stiffer tubing, like Polyurethane and thicker PVC tubing with harder durometers, is generally used. The 3200 Series expands the tubing between 20% and 50% above its nominal inside diameter and is designed for use with Nordson MEDICAL's PQC Series quick connect fittings. This unique triple barb is available in sizes to fit the 1/8" (3.2 mm) and 1/4" (6.4 mm) ID tubing sizes and materials commonly used in medical device and diagnostics, chemical dispensing, industrial, and compression therapy applications.

Barb Size	Barb OD	Barb ID	Tube Internal Diameter		
			Dec.	Frac.	Metric
3230	0.188	0.059	0.500	1/8"	3.2 mm
3260	0.300	0.150	0.200	1/4"	6.4 mm

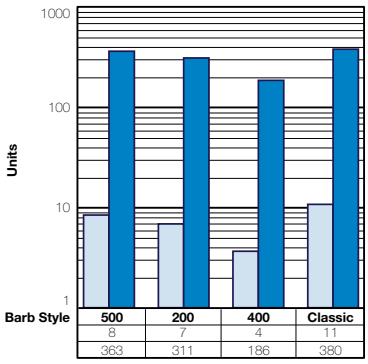
Tensile pull and burst tests were performed by an independent laboratory under controlled conditions to provide comparative performance data for the various barb styles and sizes offered by Nordson MEDICAL. Graph numbers 1 through 8 present the data from each of the tests for each barb size and each barb style connected to PVC tube.

The values shown are the means of a statistically significant sample quantity of each configuration. Nordson MEDICAL barbed fittings specifically designed for use with the tubing size indicated were used in these tests. No oversized barbs, solvents, adhesives, or secondary fasteners of any kind were used.

Tensile Pull Test: Tensile properties were measured to determine the force required to remove the barbed fitting from the tubing. Tensile specimens were mounted axially in a holding fixture and tested at a rate of 20 inches per minute. Failure mode was tubing separating from the barb.

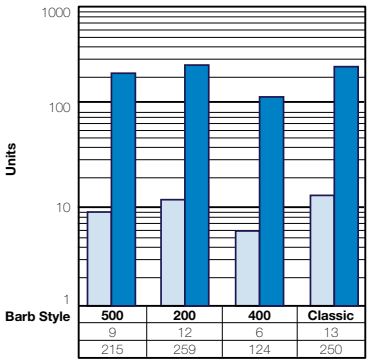
Hydrostatic Burst Test: Hydrostatic burst testing was performed in general accordance with ASTM D1599. Failure mode was either tubing separating from the barb, the tubing bursting, or a combination of the two.

Performance of Barb to Tube Connections - ☐ Tensile Pull Test (lbs) - ■ Hydrostatic Burst Test (psi)



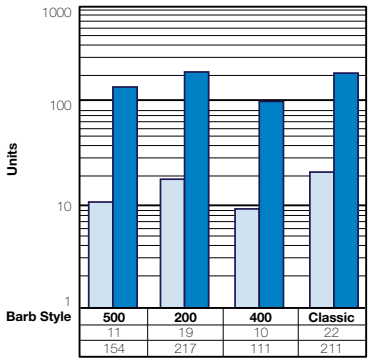
Barb Style	500	200	400	Classic
	8	7	4	11
	363	311	186	380

Graph 1: 1/16" Barb Performance



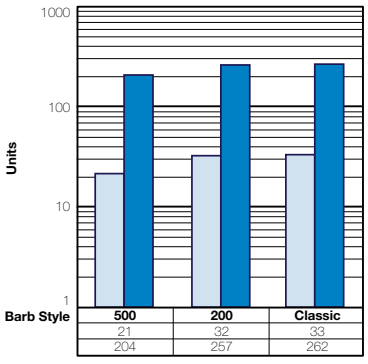
Barb Style	500	200	400	Classic
	9	12	6	13
	215	259	124	250

Graph 2: 3/32" Barb Performance



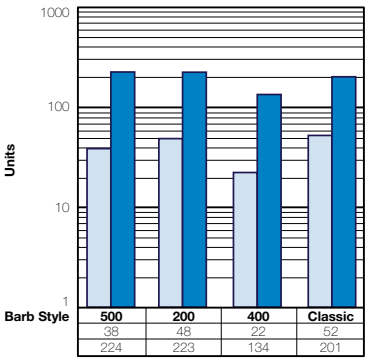
Barb Style	500	200	400	Classic
	11	19	10	22
	154	217	111	211

Graph 3: 1/8" Barb Performance



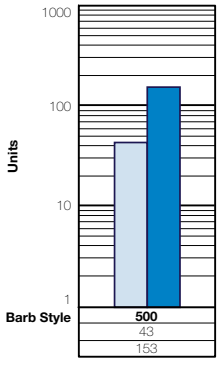
Barb Style	500	200	Classic
	21	32	33
	204	257	262

Graph 4: 5/32" Barb Performance



Barb Style	500	200	400	Classic
	38	48	22	52
	224	223	134	201

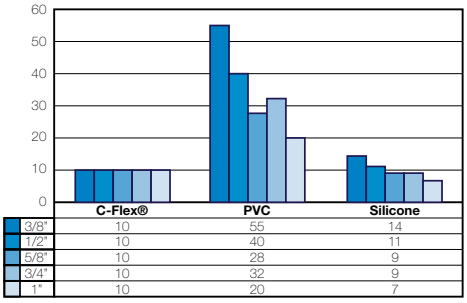
Graph 5: 3/16" Barb Performance



Barb Style	500
	43
	153

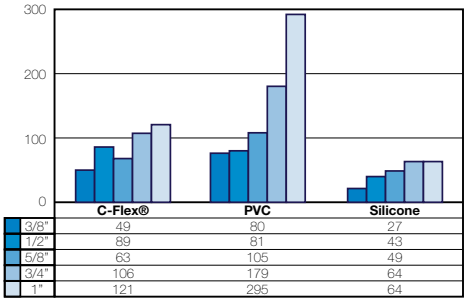
Graph 6: 1/4" Barb Performance

600 Series Leak Tests



	C-Flex®	PVC	Silicone
3/8"	10	55	14
1/2"	10	40	11
5/8"	10	28	9
3/4"	10	32	9
1"	10	20	7

600 Series Tensile Pull Tests



	C-Flex®	PVC	Silicone
3/8"	49	80	27
1/2"	89	81	43
5/8"	63	105	49
3/4"	106	179	64
1"	121	295	64

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Maximum cycles ——— 50,000 connect-disconnect cycles

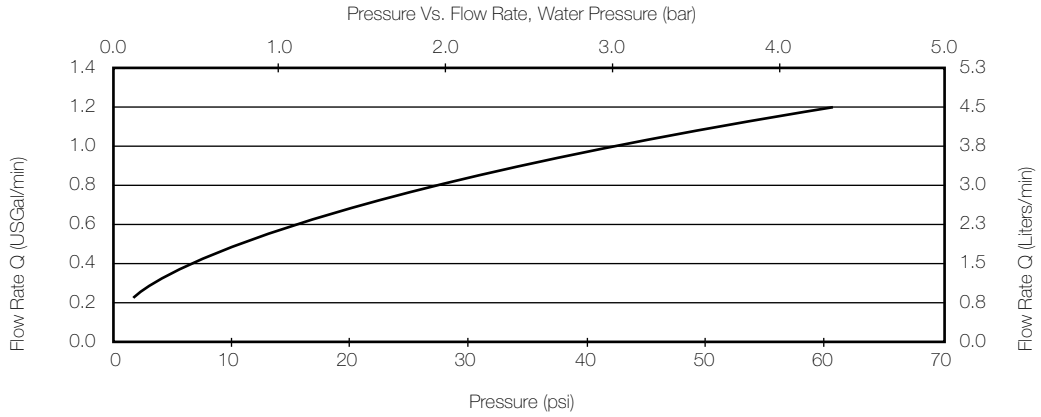
Maximum axial tensile resistance ——— 20 lbf.

Maximum working pressure ——— 60 psi, 4.14 bar

Maximum leak resistance ——— < .007 psi / 0.05 kPa / sec.

Minimum Fitting ID ——— .113" / 2.9 mm

Minimum Cv ——— .39



TECHNICAL:
Panel Mount Instructions

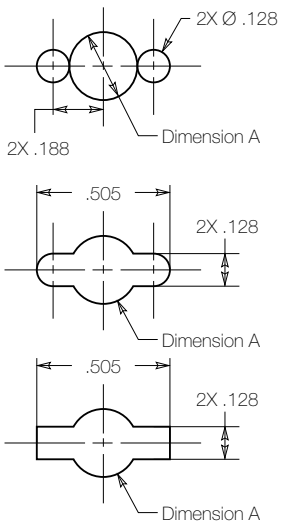
Panel-mounted female luers, in both FTLLB (thread style) and FTLB (lug style) series, are shown beginning on page 66. When used with our CCLR lock rings or CCR color coding rings and LNS lock nuts (see pages 67, 87), color coding of connections is easy.

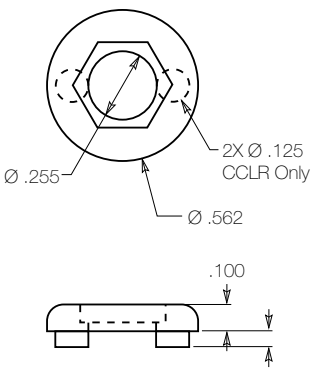
The information provided here will help you mount the panel mount luers. Please note that they are intended for panel thickness of 1/16" to 1/8" (1.5 to 3 mm).

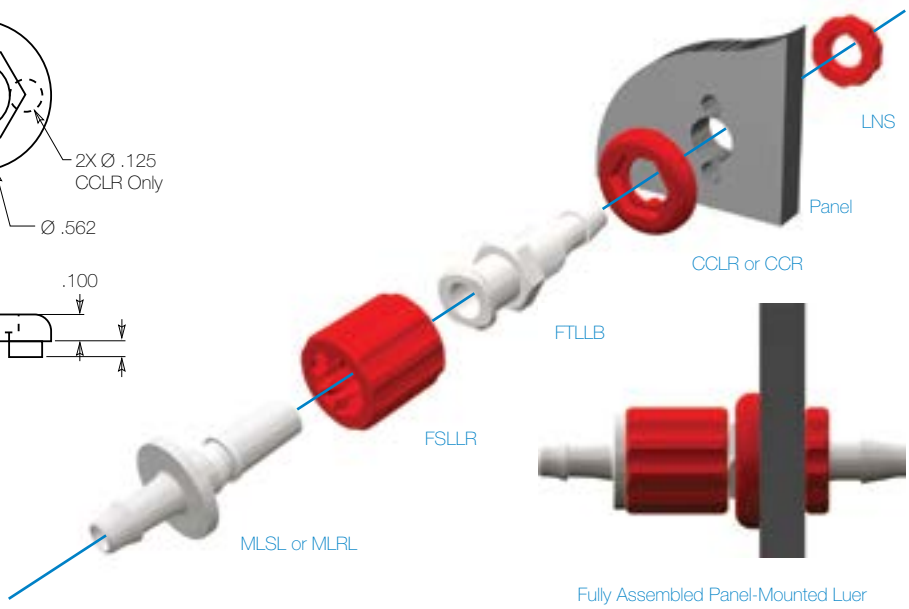
FTLLB series shown with MLSL luer, FSLLR lock ring, CCLR color coding lock ring, and LNS lock nut.

Threaded Panel Openings: Tap the panel with threads from tube fittings, panel mounts or BPMBs and use a CCR color coded ring. In this case, the fitting tightened into the panel prevents fitting rotation. Use an LNS lock nut for additional security; tighten snug plus 1/4 turn only.

Non-Threaded Panel Openings: Use any one of the three panel patterns shown below with a CCLR lock ring and LNS lock nut. Together, the panel opening and CCLR prevent the panel mount fitting from rotating. Tighten LNS snug plus 1/4 turn only.







Fully Assembled Panel-Mounted Luer

CHEMICAL	%	TEMP C	TEMP F	ABS	ACETAL	PVDF	NYLON	POLYCARBONATE	POLYPROPYLENE	POLYSULFONE
Acetic Acid	5%	23 C	73 F	Excellent	Unsatisfactory	Excellent	Satisfactory	Satisfactory	Excellent	Excellent
Acetone	100%	50 C	122 F	Unsatisfactory	Unsatisfactory	Unsatisfactory	Satisfactory	Unsatisfactory	Excellent	Unsatisfactory
Acetophenone	100%	24 C	75 F	Satisfactory	—	Unsatisfactory	Excellent	—	Satisfactory	—
Acetylene	100%	24 C	75 F	—	—	Excellent	Excellent	—	—	—
Air	100%	82 C	180 F	Excellent	Excellent	Excellent	Excellent	—	—	Excellent
Ammonia, Liquid	100%	24 C	75 F	Satisfactory	—	Unsatisfactory	Satisfactory	Unsatisfactory	Excellent	Excellent
Ammonium Hydroxide	10%	23 C	73 F	Satisfactory	—	Excellent	Excellent	Unsatisfactory	Excellent	Excellent
Ammonium Hydroxide	10%	70 C	158 F	Unsatisfactory	—	Excellent	Unsatisfactory	Unsatisfactory	Excellent	Excellent
Barium Sulfide	100%	24 C	75 F	Excellent	Excellent	Excellent	Satisfactory	—	Excellent	—
Benzene	100%	23 C	73 F	Satisfactory	Excellent	Excellent	Excellent	Unsatisfactory	Satisfactory	Unsatisfactory
Bleach	100%	23 C	73 F	—	Unsatisfactory	Excellent	Satisfactory	Unsatisfactory	Satisfactory	Excellent
Boric Acid	7%	35 C	95 F	Excellent	Excellent	Excellent	Unsatisfactory	Excellent	Excellent	—
Calcium Carbonate	Sat. sol.	24 C	75 F	Excellent	—	Excellent	—	—	Excellent	—
Carbon Dioxide	100%	50 C	122 F	Satisfactory	Excellent	Excellent	Excellent	—	Excellent	—
Carbon Monoxide	100%	50 C	122 F	Satisfactory	—	Excellent	Excellent	—	Excellent	—
Carbon Tetrachloride	100%	50 C	122 F	Unsatisfactory	—	Excellent	Excellent	Unsatisfactory	Unsatisfactory	Unsatisfactory
Chlorine Water	Dilute	23 C	73 F	Unsatisfactory	—	Excellent	Satisfactory	Unsatisfactory	Unsatisfactory	Satisfactory
Chlorine Water	Concen.	23 C	73 F	Unsatisfactory	—	Excellent	Unsatisfactory	Unsatisfactory	Unsatisfactory	Unsatisfactory
Chlorobenzene	100%	23 C	73 F	Satisfactory	—	Excellent	Excellent	Unsatisfactory	Unsatisfactory	Unsatisfactory
Chlorofluorocarbon 11	100%	24 C	75 F	—	—	Excellent	Excellent	Satisfactory	—	Excellent
Chloroform	100%	23 C	73 F	Unsatisfactory	Satisfactory	Excellent	Satisfactory	Unsatisfactory	Unsatisfactory	Unsatisfactory
Cyclohexanone	100%	24 C	75 F	Unsatisfactory	—	Excellent	Excellent	Unsatisfactory	Satisfactory	Unsatisfactory
Dichlorethylene	100%	23 C	73 F	—	—	Excellent	Satisfactory	—	Excellent	Unsatisfactory
Ethanol	95%	50 C	122 F	Satisfactory	—	Excellent	Excellent	Satisfactory	Excellent	Satisfactory
Ethyl Acetate	95%	50 C	122 F	Satisfactory	—	Unsatisfactory	Excellent	Unsatisfactory	Satisfactory	Unsatisfactory
Ethylene Glycol	100%	23 C	73 F	Excellent	Satisfactory	Excellent	Excellent	Satisfactory	Excellent	Excellent
Ethylene Oxide	100%	24 C	75 F	Unsatisfactory	—	Excellent	Satisfactory	Satisfactory	Satisfactory	Excellent
Ethylene Oxide	100%	79 C	175 F	Unsatisfactory	—	Excellent	Unsatisfactory	Satisfactory	Unsatisfactory	Excellent
Fatty Acids	—	—	—	—	Excellent	Excellent	—	Satisfactory	Excellent	—
Fluorine	100%	23 C	73 F	Unsatisfactory	—	Excellent	Unsatisfactory	—	—	—
Formaldehyde	37%	24 C	75 F	Unsatisfactory	Excellent	Excellent	—	Unsatisfactory	Excellent	Unsatisfactory
Gasoline	100%	85 C	185 F	Excellent	Satisfactory	Excellent	Excellent	Unsatisfactory	Satisfactory	Satisfactory
Glucose	Concen.	24 C	75 F	Excellent	—	Excellent	—	—	Excellent	—
Glycerin	100%	24 C	75 F	Excellent	—	Excellent	—	Excellent	Excellent	Excellent
Hydrochloric Acid	2%	23 C	73 F	Excellent	Satisfactory	Excellent	Excellent	Excellent	Excellent	Excellent
Hydrochloric Acid	10%	25 C	77 F	Excellent	Satisfactory	Excellent	Unsatisfactory	Excellent	Excellent	Excellent
Hydrofluoric Acid	10%	23 C	73 F	Satisfactory	—	Excellent	Unsatisfactory	—	Excellent	Excellent
Hydrogen Peroxide	1%	24 C	75 F	Excellent	Unsatisfactory	Excellent	Satisfactory	Excellent	Excellent	Excellent
Hydrogen Peroxide	5%	43 C	110 F	Satisfactory	Unsatisfactory	Excellent	Unsatisfactory	Excellent	Satisfactory	Excellent
Isopropanol	70%	23 C	73 F	—	Excellent	Excellent	Excellent	Call*	Excellent	Satisfactory
Kerosene	100%	85 C	185 F	Satisfactory	—	Excellent	Excellent	Satisfactory	Satisfactory	Satisfactory
Methyl Ethyl Ketone	100%	50 C	122 F	Unsatisfactory	—	Unsatisfactory	Excellent	Unsatisfactory	Satisfactory	Unsatisfactory
Methylene Chloride	100%	23 C	73 F	Unsatisfactory	—	Excellent	Satisfactory	Unsatisfactory	Excellent	Unsatisfactory
Methanol	100%	23 C	73 F	Unsatisfactory	—	Excellent	Excellent	Satisfactory	Excellent	Satisfactory
Nitric Acid	10%	23 C	73 F	Satisfactory	—	Excellent	Unsatisfactory	Unsatisfactory	Excellent	Satisfactory
Oxygen	100%	24 C	75 F	—	—	Excellent	Satisfactory	—	—	—
Ozone	100%	43 C	110 F	Satisfactory	—	Satisfactory	Unsatisfactory	Unsatisfactory	—	—
Phenol	90%	23 C	73 F	Unsatisfactory	Unsatisfactory	Excellent	Unsatisfactory	—	Excellent	—
Phosphoric Acid	5%	98 C	208 F	Satisfactory	Unsatisfactory	Excellent	Unsatisfactory	Unsatisfactory	Excellent	Excellent
Propane	100%	23 C	73 F	Satisfactory	—	Excellent	Excellent	—	—	—
Sodium Bicarbonate	Concen.	24 C	75 F	Excellent	Excellent	Excellent	Excellent	—	Excellent	Excellent
Sodium Chloride	10%	23 C	73 F	Excellent	—	Excellent	Excellent	—	Excellent	Excellent
Sodium Chloride	Sat. sol.	24 C	75 F	Excellent	—	Excellent	Excellent	—	Excellent	Excellent
Sodium Hydroxide	10%	70 C	158 F	Satisfactory	—	Excellent	Satisfactory	—	Excellent	Excellent
Steam	—	120 C	248 F	Unsatisfactory	—	Excellent	Unsatisfactory	Unsatisfactory	Satisfactory	Excellent
Sulfuric Acid	30%	23 C	73 F	Satisfactory	Unsatisfactory	Excellent	Unsatisfactory	Excellent	Excellent	Excellent
Tetrahydrofuran	100%	23 C	73 F	Satisfactory	—	Unsatisfactory	Excellent	—	Unsatisfactory	—
Toluene	100%	50 C	122 F	Satisfactory	Unsatisfactory	Excellent	Excellent	Unsatisfactory	Unsatisfactory	Unsatisfactory
Trichloroethylene	100%	23 C	73 F	Satisfactory	—	Excellent	Satisfactory	Unsatisfactory	Unsatisfactory	Unsatisfactory
Water	100%	79 C	175 F	Excellent	—	Excellent	Excellent	Unsatisfactory	Excellent	Excellent

* Call Nordson MEDICAL technical support to review your application and the concentration of Isopropanol that will be used.

TECHNICAL INFORMATION

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Material - Manufacturer & Grade	**VP Code**	**Regulatory Compliance of Base Resin***	**RoHS Compliant**	**BPA Free**	**DEHP Free**	**Animal Derivative Free***
ABS (Lace White) - INEOS Lustran 348-000000	**-81**	USP Class VI Certified; ISO 10993 Part I Compliant	Yes	Yes	Yes	No
ABS, MABS (Methyl Methacrylate) - BASF Terlux 2802 TR	**-8003, SCV Series**	USP Class VI Certified	Yes	Yes	Yes	Yes
ABS (Sno White) - INEOS Lustran 348-012002	**-8012**	USP Class VI Certified; ISO 10993 Part I Compliant	Yes	Yes	Yes	No
Acetal - DuPont Delrin 500P	**-10**	21 CFR 177.2480 FDA Approved	Yes	Yes	Yes	No
Acetal Copolymer - BASF Ultraform N 23020 003	**-1006, -1007**	21 CFR 177.2470 FDA Approved	Yes	Yes	Yes	No
Acrylic - Cyro Cyrolite Med 2	**-50**	USP Class VI Certified; ISO 10993 Compliant; 21 CFR 177.1010 FDA Approved	Yes	Yes	Yes	Yes
Nylon (PA 66) - DuPont Zytel 101F	**-0, -1, -2, -3, -4, -5, -06, -07, -08B, -8, -8B, -CM030**	21 CFR 177.1500 FDA Approved	Yes	Yes	Yes	No
Nylon (PA 66) - DuPont Zytel SC310 NC010	**-U1, -U5, -U01, -U05**	USP Class VI Certified; ISO 10993 Compliant; 21 CFR 177.1500 FDA Approved	Yes	Yes	Yes	No
Nylon (Glass Reinforced) - DuPont Zytel FGFE5171	**-U71, -U75**	USP Class VI Certified; ISO 10993 Compliant; 21 CFR 177.1500 FDA Approved	Yes	Yes	Yes	No
Nylon (Glass Reinforced) - DuPont Zytel 70G33L	**-7, -72**	21 CFR 177.1500 FDA Approved	Yes	Yes	Yes	No
Polycarbonate (Clear) - Bayer Makrolon 2558 550115	**-9**	USP Class VI Certified; ISO 10993 Compliant; 21 CFR 177.1580 FDA Approved	Yes	No	Yes	No
Polycarbonate (Clear) - Bayer Makrolon Rx 1805 451118	**-9010, SCV Series**	USP Class VI Certified; ISO 10993 Compliant	Yes	No	Yes	Yes
Polycarbonate (Tinted) - Sabic Lexan HPS1	**-9024**	USP Class VI Certified, ISO 10993 Compliant	Yes	No	Yes	No
Polycarbonate (Tinted) - Styron Calibre Megarad 2081-15	**-9002, DCV Series**	ISO 10993 Compliant	Yes	No	Yes	No
Polyethylene - LyondellBasell Purell PE 1840 H	**SCV Series**	Please call for details	Yes	Yes	Yes	Yes
Polyethylene - Trilliant HC5420-0002 LL Natural Resin	**-VP1**	USP Class VI Certified	Yes	Yes	Yes	Yes
Polypropylene - Flint Hills P5M6K-080	**-6005, -6006**	USP Class VI Certified; 21 CFR 177.1520 FDA Approved	Yes	Yes	Yes	Yes
Polysulfone - Solvay Udel P1700 CL2611	**-40**	USP Class VI Certified; ISO 10993 Compliant; 21 CFR 177.1655 FDA Approved	Yes	Yes	Yes	Yes
PVDF - Arkema Kynar 1000 HD	**-J1A**	USP Class VI Certified; 21 CFR 177.2510 FDA Approved	Yes	Yes	Yes	Yes
SAN - BASF 388S TR 77770	**SCV Series**	ISO 10993 Compliant	Yes	Yes	Yes	No
Silicone - Wacker Elastosil LR 3003	**SCV Series**	USP Class VI Certified	Yes	Yes	Yes	Yes

***As determined by resin manufacturer**

Material - Manufacturer & Grade	**VP Code**	**Gamma Radiation Sterilization***	**Ethylene Oxide Sterilization**	**Autoclave Sterilization**
ABS (Lace White) - INEOS Lustran 348-000000	**-81**	Compatible up to 5 Mrads	Good	Not suitable due to low heat deflection temperatures
ABS, MABS (Methyl Methacrylate) - BASF Terlux 2802 TR	**-8003, SCV Series**	Withstands up to 5 Mrad doses without yellowing	Good	Poor; components may distort due to low heat deflection temperatures
ABS (Sno White) - INEOS Lustran 348-012002	**-8012**	Compatible up to 5 Mrads	Good	Not suitable due to low heat deflection temperatures
Acetal - DuPont Delrin 500P	**-10**	Compatible up to 1 Mrad	Excellent	Very good
Acetal Copolymer - BASF Ultraform N 2320 003	**-1006, -1007**	Compatible up to 1.5 Mrads	Excellent	Very good
Acrylic - Cyro Cyrolite Med 2	**-50**	Very good up to commonly used doses (6 Mrads)	Excellent	Not recommended
Nylon (PA 66) - DuPont Zytel 101F	**-0, -1, -2, -3, -4, -5, -06, -07**	Very good; may discolor to brownish hue	Very good; some suceptibility to oxidizing agents	Very good; product may swell slightly due to water absorption
Nylon (PA 66) - DuPont Zytel SC310 NC010	**-U1, U5, -U01, -U05**	Very good; may discolor to brownish hue	Very good; some suceptibility to oxidizing agents	Very good; product may swell slightly due to water absorption
Nylon (Glass Reinforced) - DuPont Zytel 70G30L	**-U71, -U75**	Very good; may discolor to brownish hue	Very good; some suceptibility to oxidizing agents	Excellent
Nylon (Glass Reinforced) - DuPont Zytel 70G33L	**-72**	Very good; may discolor to brownish hue	Very good; some suceptibility to oxidizing agents	Excellent
Polycarbonate (Clear) - Bayer Makrolon 2558 550115	**-9**	Compatible up to 10 Mrads with minor loss of physical properties; will discolor to yellow-green hue	Highly compatible	Poor; may craze or stress crack due to molding stresses
Polycarbonate (Clear) - Bayer Makrolon Rx 1805 451118	**-9010, SCV Series**	Compatible up to 10 Mrads with minor loss of physical properties; may discolor slightly dependent upon dose/number of cycles	Highly compatible	Poor; may craze or stress crack due to molding stresses
Polycarbonate (Tinted) - Sabic Lexan HPS1	**-9024**	Highly compatible with reduced color shift when compared to unstabilized polycarbonate resins	Highly compatible	Not recommended
Polycarbonate (Tinted) - Styron Calibre Megarad 2081-15	**-9002, DCV Series**	Excellent up to 10 Mrads with minor loss of physical properties; light violet hue turns clear upon sterilization	Highly compatible	Not recommended
Polyethylene - LyondellBasell Purell PE 1840 H	**SCV Series**	Compatible up to 5 Mrads	Highly compatible	Not recommended
Polyethylene - Trilliant HC5420-0002 LL Natural Resin	**-VP1**	Highly compatible	Highly compatible	Not recommended
Polypropylene - Flint Hills P5M6K-080	**-6005, -6006, -6012**	Very good to commonly used sterilization doses (6 Mrads)	Highly compatible	Limited to 121°C for 20 minutes due to low heat deflection temperatures
Polysulfone - Solvay Udel P1700 CL2611	**-40**	Highly compatible; will discolor to brownish hue	Excellent	Excellent
PVDF - Arkema Kynar 1000 HD	**-J1A**	Highly compatible; will discolor to brownish hue	Excellent	Highly compatible
SAN - BASF 388S TR 77770	**SCV Series**	Compatible up to 5 Mrads	Good	Not suitable due to low heat deflection temperatures
Silicone - Wacker Elastosil LR 3003	**SCV Series**	Compatible up to 5 Mrads	Highly compatible	Very good

***1 Megarad (Mrad) = 10 kiloGrays (kGy)**

Property	ASTM Test Method	PVDF	Polycarb	Radiation Stable PC	Polypro	Nylona	GF Nylona	ABS	MABS	Polysulfone	Acetal
Tensile Strength	D638	5,400	10,000	9,800	—	12,000	27,000	4,800	—	—	—
Elongation at Break, %	D638	100-400	120	150	375	300	3	50	12	50-100	40
Tensile Yield Strength, psi	D638	6,500	9,200	9,800	4,400	12,000	—	5,700	6,960	10,200	9,900
Flexural Modulus, kpsi	D790	360	330	350	170	410	1,300	330	—	390	450
Rockwell Hardness D	D785	—	R118	R118	R80-102	R121	—	R107	—	—	R122
Rockwell Hardness M	—	—	M75	M72	—	M79	M101	—	—	M69	M89
Shore Hardness D	D2240	D76-80	—	—	—	—	—	—	—	—	—
Coef. of Linear 10-5 in/in/°F	D696	7.6	3.9	3.8	—	4	1.3	5.5	—	3.1	—
Deflection Temp°F @264psi	D648	244	266	252	—	194	480	173	194	345	216
Deflection Temp°F @66psi	D648	—	273	—	190	455	—	—	201	358	332
Water Absorption, %, 24 h	D570	0.015	0.15	0.15	0	1.2	0.7	0.25-0.40	0.7	0.3	0.4
Izod Impact, (Notched) ft-lb/in	D256	3.1	16.0	14.0	0.5	1.0	2.2	6.0	1.31	1.3	—

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Trademark **1,887,178**

VALUE PLASTICS®

Corporate Trademark.

Trademark **3,838,623**

BUILD-A-PART® Trademark for our non-metal bondable fittings

Trademark **1,727,081**

TUBESETTER® Trademark for our rapid assembly devices

OTHER TRADEMARKS

1,827,467
1,817,921
1,817,922
2,655,263
2,616,170
2,535,232
2,535,234

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Teknor® is a registered trademark of Teknor Apex Company
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One or more components contained in this catalog may be covered by B. Braun OEM Division patents and trademarks. Patent numbers: 4,246,932; 4,535,820; 4,683,916.

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