



VALUE PLASTICS, INC.

A NORDSON COMPANY



SERVICE QUALITY DELIVERY PROVEN PRECISION INNOVATION TRUSTED LEADERSHIP DIRECT SALES CUSTOM PARTS
QUICK CONNECT FITTINGS SANITARY FITTINGS LUERS TUBE-TO-TUBE BLOOD PRESSURE THREADED TAPERED SEAL

QUALITY DELIVERY PROVEN PRECISION INNOVATION TRUSTED LEADERSHIP DIRECT SALES CUSTOM PARTS SERVICE
SOLUTIONS BUILD-A-PART QUICK CONNECT FITTINGS SANITARY FITTINGS LUERS TUBE-TO-TUBE FITTINGS

CONDUCTED LEADERSHIP DIRECT SALES CUSTOM PARTS
BLOOD PRESSURE THREADED

**SPECIALISTS
IN FLUID
CONNECTIONS**

WELCOME

Value Plastics designs and manufactures a proprietary line of plastic connectors for low pressure fluid management applications. Products available from stock include over 4,000 different style and material combinations 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.

Where we come from:

We're located in Fort Collins, Colorado, at the base of the Rocky Mountains, 55 miles north of Denver. Our facility is state-of-the-art and 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.

Our quality commitment to you:

We are dedicated to exceeding your expectations. We operate a quality system registered under the guidelines of ISO 9001:2008 and maintain full traceability for all our manufactured products. 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 anticipate your needs and modify our systems to exceed your expectations. Our quality and consistency help you save money through your ability to implement dock-to-stock programs.

Design, Engineering and R&D

Value Plastics' staff of product development professionals uses the most modern equipment to design the best fluid management products available anywhere. Whether your need is for new products or custom solutions, our focus on healthcare OEM 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

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.

Clean Room Manufacturing

All Value Plastics' products are manufactured and packaged in an environment that meets the requirements of ISO 14644-1:1999 (E) Class 8 (Class 100,000) standards.



LUERS

Over 680 separate luer configurations are offered in a variety of material options, including both Class VI certified and animal-free resins. Male luers and female luers are available with tubing connections that fit many tubing materials ranging from $\frac{1}{16}$ " (1.6 mm) to $\frac{1}{4}$ " (6.4 mm) IDs, with threaded ends and panel mount versions also available.



TUBE-TO-TUBE

Barbed tube fittings are available in sizes ranging from $\frac{1}{16}$ " (1.6 mm) to 1" (25.4 mm) ID in over 100 configurations molded from nylon, polypropylene, polycarbonate and PVDF, with other resins available. Available barbed fitting styles include press-in plugs, straight connectors, elbow fittings, tee fittings, crosses, Y connectors, multi-port connectors, and multiple reducer combinations.



QUICK CONNECTS

Value Plastics offers three distinct families of quick connect fittings: the XQ Series - Thumb Latch Quick Connects, the MQC Series - Dual Latch Quick Connects, and the SBL Series - Side Latch Quick Connect products, for applications covering $\frac{1}{8}$ " (3.2 mm) through $\frac{3}{8}$ " (9.5 mm) ID tubing. For ease of testing concepts, Value Plastics offers samples in all available configurations.



BIOPROCESSING FITTINGS

Value Plastics' all-inclusive bioprocessing line offers a broad range of sanitary fittings, hygienic clamps, bag ports, and gaskets. These components are complemented by other product lines suitable for the BioProcessing market such as Value Plastics luer, tube-to-tube, and quick connect fittings.



BLOOD PRESSURE

Value Plastics offers a complete line of acetal and nylon fittings and connectors for use with non-invasive blood pressure (NIBP) monitoring equipment. Blood pressure cuff connectors and monitor cable adapters for the bayonet (push to connect) and Dinamap® (threaded) standards are available to fit tube sizes between $\frac{3}{32}$ " (2.4 mm) and $\frac{1}{4}$ " (6.4 mm).



THREADED

Value Plastics manufactures threaded plastic tube fittings and connectors to join tubing to commonly-used threaded ports. Products are available in over 100 configurations in nylon, polypropylene and PVDF resins, with straight, elbow and tee connections for tubing. Available thread styles include 10-32 UNF, $\frac{1}{16}$ -27 NPT, $\frac{1}{8}$ -27 NPT, $\frac{1}{4}$ -18 NPT, $\frac{1}{4}$ -28 UNF, 5 x .8 metric, 6 x 1 metric, bottom sealing threads and other special thread types.



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TAPERED SEAL

Tapered seal small and large bore connectors offer the same reliability, convenience and ease of use as luer fittings while featuring a unique design that avoids misconnections. These connectors also incorporate the luer's conventional friction-fit tapered seal, making for a leak-free connection and an ideal luer alternative. Tapered seal fittings are available in sizes to fit $\frac{1}{8}$ " (3.2 mm) and $\frac{3}{16}$ " (4.8 mm) ID flexible tubing.



CHECK VALVES

Anti-siphon and one-way check valve configurations are available in a variety of materials and end fittings. The valves feature low priming volume, ease of removing air bubbles during priming, and operate in any spatial orientation. All products feature DEHP- and latex-free silicone diaphragms and all materials of construction satisfy USP Class VI and ISO 10993 criteria.

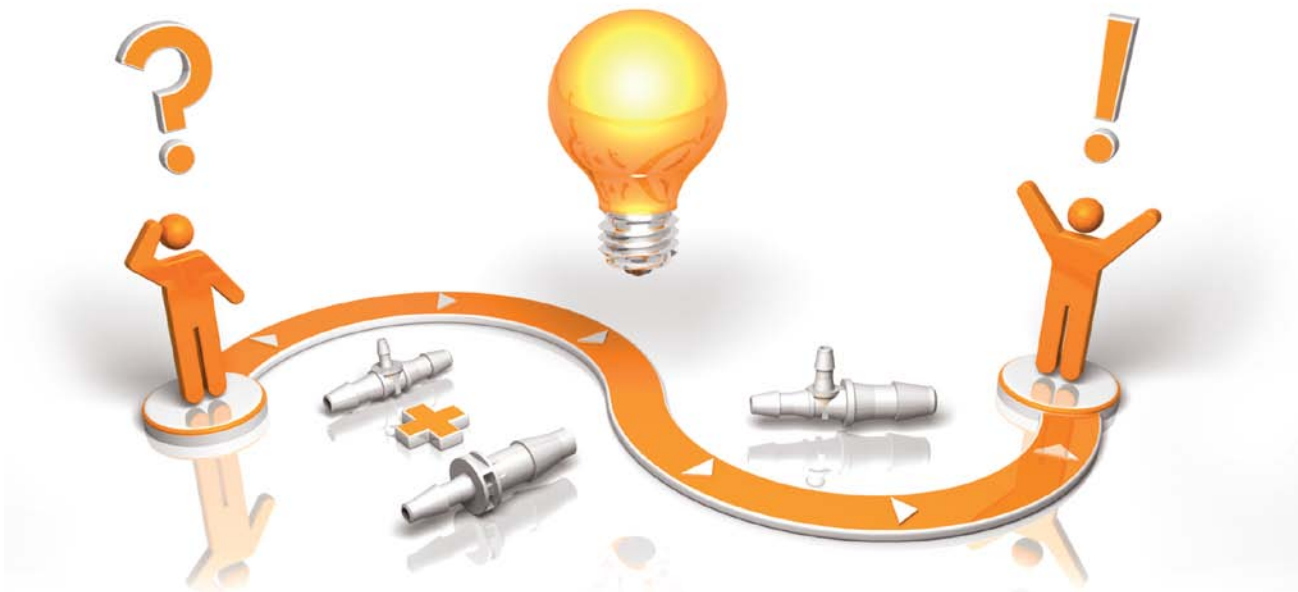


BUILD-A-PART®

The Build-A-Part® system is based on combining interchangeable components, joining junction blocks with luer terminations, hose barbs or threaded features to create the desired configuration. 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. Multi-piece designer kits are available for application testing.



DESIGN CENTER



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

Team up with the Value Plastics Design Center for your custom connector needs. 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. Here’s 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!