

Contract Manufacturing

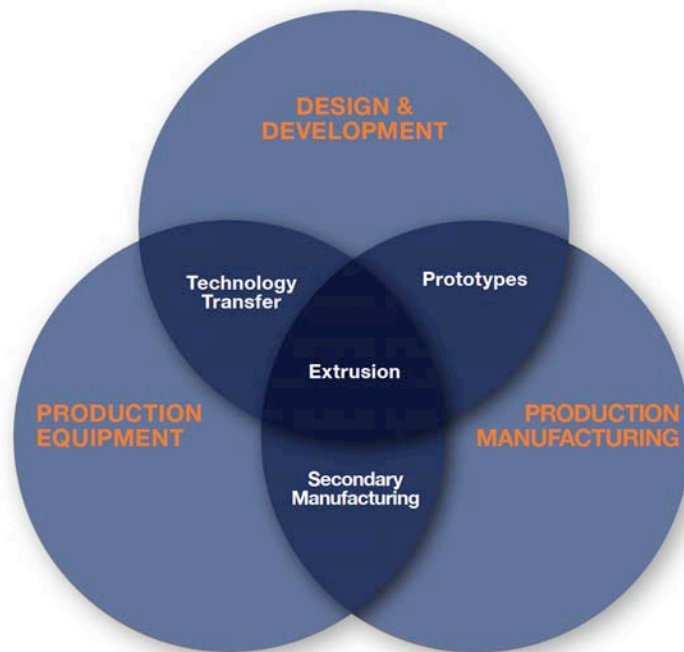
Interface Catheter Solutions

Contract Manufacturing



- Balloon Tubing
- Custom & Standard Balloons
- PTA Catheters
- PTCA Catheters
- Stent Delivery Platforms
- Custom Configurations

Vertically Integrated Catheter Solutions



Balloon Tubing

In an effort to drive improvements in the effectiveness of our own balloon production operations, Interface has identified extruded balloon tubing as the most critical factor in the balloon production process. Interface has observed the extreme variability in both quality and performance characteristics of commercially available tubing which results in poor production yields and unpredictable balloon performance.

As a result, Interface has spent the last three years perfecting and controlling our balloon extrusion capability. Interface offers in-house extrusion capabilities specifically designed for balloon production. Our balloon tubing produces consistent and controllable performance characteristics, as well as significantly reduced visual flaws, that are essential characteristics for successful high-yield medical balloon manufacturing.

Custom and Standard Balloons

Interface has over 15 years of balloon development experience with more than 2,000 balloon designs. Interface simplifies the development process through vertically integrated in-house capabilities, including a significant range of stock balloon molds and end plugs. Interface also offers rapid prototyping that will shorten product delivery and reduce time to market. We produce custom balloons to specifications that include tight tolerances and remarkable performance characteristics in an extensive variety of sizes, shapes and materials.

Custom and Standard Balloon Catheters

Interface has a comprehensive multi-phase process for balloon catheter design and development. This allows customers to utilize Interface internal engineering and design services along with full manufacturing capabilities to provide quality deliverables and expedite time to market. Our design services can provide customers with finished proprietary products to be released by the client to their intended market.

Interface also offers competitive PTA and PTCA stent delivery catheter platforms. These balloon catheter designs offer a broad range of competitive features and are easily made market-ready for customer distribution. There is a range of standard sizes and diameters immediately available, and additional sizes can be quickly developed to suit customer needs.

Technology Transfer

Our unique experience in both equipment fabrication and balloon and catheter contract manufacturing has allowed us to develop and offer for sale PTCA and PTA catheter production lines. The Interface technology transfer process includes a complete range of equipment, production drawings and procedures, engineering training and validation services. Interface has a successful track record of training companies' worldwide on PTCA and PTA design and production technology through our technology transfer program. Our training and consulting services help companies develop their own manufacturing capabilities to quickly enter the balloon catheter market.

Company Profile

As a manufacturing partner, Interface Catheter Solutions provides vertically integrated solutions for all aspects of catheter manufacturing. Interface is considered to be among the industry's most knowledgeable resource in the field of balloon catheter design, development, and manufacturing. Interface has developed more than 2,000 balloon designs and this expertise has led to rapid growth in the areas of catheter manufacturing equipment, balloon catheter design and development, and contract manufacturing.

Interface is a contract component and finished device manufacturer with class 7 and 8 clean rooms. With our vertically integrated production capabilities, we maintain control over all aspects of the production process. Following ISO 13485:2003 standards, our focus is on quality and on-time delivery.

Contract Manufacturing Expertise to Fulfill Your Needs

Precision Extruded Balloon Tubing

- Precise control & monitoring of the extrusion process
- Consistent mechanical properties, tested & certified including tensile & elongation
- Tight dimensional tolerances
- Wide range of tubing materials & sizes
- Competitive lead times

PTCA Catheter

- Stent delivery platform
- Low crossing profile
- Small tip entry profile
- High burst pressure
- Semi-compliant balloon
- Tip to wire conformability
- Reinforced mid shaft design
- Superior balloon performance for stent delivery
- Custom configurations
- Custom lengths readily available
- FDA & ISO 13485:2003 compliant

Custom and Standard Balloons

- Over 2,000 balloon designs developed
- State-of-the-art balloon forming equipment & manufacturing processes
- Custom & standard balloons offered
- Extensive development experience for rapid prototyping
- In-house capabilities including a multitude of stock balloon molds & end plugs
- Sizes from 0.5 to 50 mm in diameter & lengths up to 250 mm

PTA Catheter

- Over-the-wire delivery platform
- Dual lumen
- Atraumatic tip
- Competitive low profile
- High burst pressure
- Low profile - sheath compatibility
- Kink resistant shaft
- Custom configurations
- FDA & ISO 13485:2003 compliant



• PTA OTW Catheter



• Ergonomic Luer Hub Design

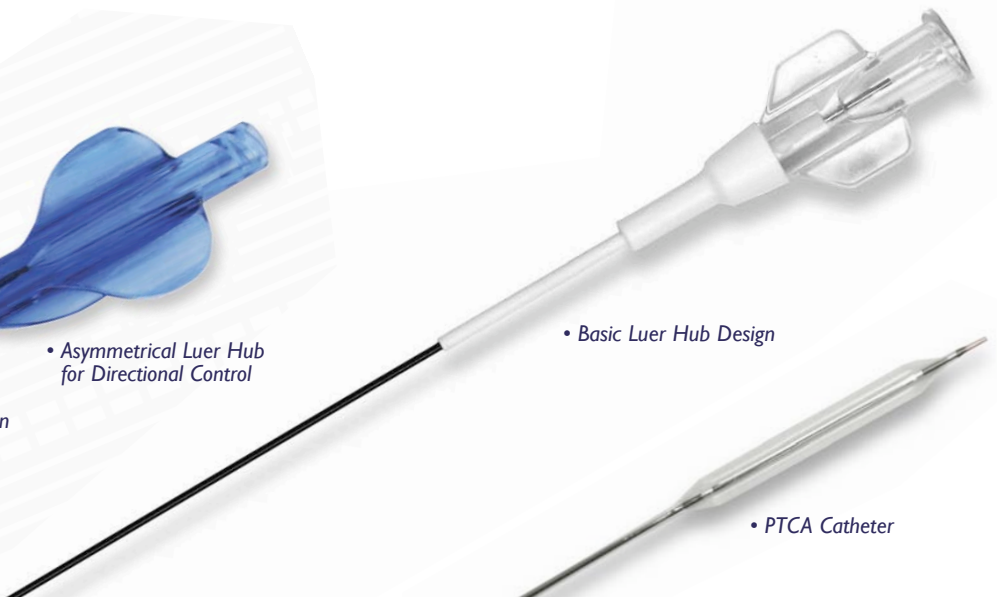


• Basic Luer Hub Design



• Ergonomic Design

• Asymmetrical Luer Hub for Directional Control



• PTCA Catheter



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Customer is responsible for FDA submission
clearance and CE mark prior to product sale.