

Balloons and Balloon Catheters



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Teleflex Medical OEM is Ready to Turn Your Concepts into Innovative Balloons and Balloon Catheters



WORK WITH THE BALLOON EXPERTS™

There are balloon manufacturers. Then there is Teleflex Medical OEM with extensive, concept-to-completion capabilities; and deep, across application expertise. We are here to help you succeed.

Teleflex Medical OEM is a single source provider of non-compliant, semi-compliant, and compliant balloons for a variety of applications, which include peripheral vascular, coronary, endovascular, endoscopic, and ENT. Our specialties are balloon and catheter designs for PTCA and PTA procedures.

Need a finished device? We are also known across the world for custom-engineered balloon catheters. We know our stuff — our expertise extends to *hundreds* of balloon and balloon catheter designs for an impressive list of applications.

Let's work together to create something amazing.

EVERYTHING WE DO REVOLVES AROUND YOU

At Teleflex Medical OEM, we've built a dedicated team of engineers, material and polymer experts, and skilled technicians to provide you with an industry-leading expertise in the development and manufacture of balloons and catheters.

Driven by your needs, our approach is collaborative and dynamic from concept to execution. Sit down with us at our facility, connect via videoconference, or we will come to you. Discuss ideas and concepts. Provide feedback on prototypes. Our team will seem like a natural extension of your own R&D department and operations staff.

It is this close teamwork and free flowing communication that ensure project success, and accelerates speed to market.

CAPABILITIES SUMMED UP IN ONE WORD: COMPREHENSIVE

Our extensive, in-house capabilities make Teleflex Medical OEM a true single source solution. We have virtually everything necessary for your project's success, which includes:

- Design specification development
- Design for manufacturability
- Regulatory affairs
- Material selection and formulation
- Balloon blowing
- Prototyping
- Testing and validation
- Production process development
- Custom tooling
- Manufacturing, including pre-clinical, pilot, and high-volume manufacturing
- Component, sub-assembly and finished device production



THE RIGHT BALLOON CATHETER, BUILT RIGHT

Make your balloon catheter concept a reality with Teleflex Medical OEM. Unlike other catheter manufacturers who supply only a few components, Teleflex Medical OEM brings all the latest technologies to your project and can provide everything from extrusions to product assembly to packaging.

- 0.014", 0.018", and 0.035" balloon catheter dilation and delivery systems
- Over-the-Wire (OTW) and Rapid Exchange (RX) capabilities
- Balloons and balloon catheters for PTCA and PTA
- Balloon catheters for the treatment of arterial and venous vessel stenosis
- Stent delivery catheters
- Angioplasty catheters (coronary and peripheral vascular)
- Endoscopic balloon catheters

DESIGN A BALLOON TO YOUR SPECIFICATIONS

Classifications

- Non-compliant
- Semi-compliant
- Compliant

Balloon Specifications

- Diameters: 1mm to 18mm
- Lengths: 4mm to 200mm

Materials

- Polyamides and engineered nylons such as Pebax®, Grilamid®, and Vestamid®
- Polyester
- Polyurethane
- Blends
- Varying durometers

Shapes

- Cylindrical
- Spherical
- Oval
- Conical
- Stepped
- Tapered
- Custom shape development available upon request

Balloon Ends

- Conical sharp corner
- Conical radius corner
- Spherical end
- Square
- Custom end design development available upon request

LET'S GET TO WORK ON YOUR PROJECT

- Toll free: 1.800.474.0178 *(USA only)*
- Phone: 1.508-964-6021
- Email: oeminfo@teleflex.com
- Web: www.teleflexmedicaloem.com

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