

Balloon Catheters and Balloons



**Work With
The Balloon
Experts™**

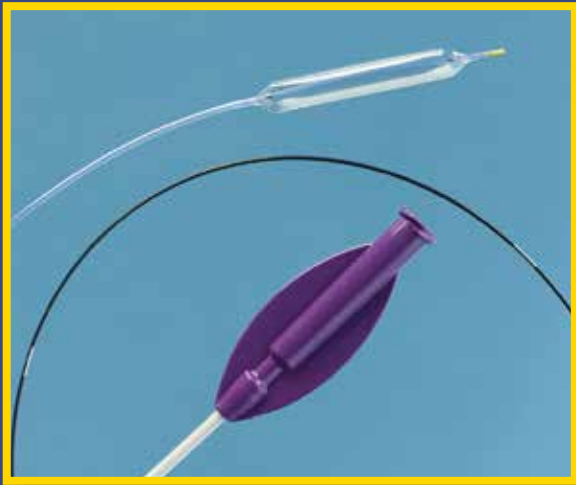
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**Concept to
Completion
Balloon
Catheter
Development**

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**Quick-Turn
Balloons**

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WORK WITH THE 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.

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.

OUR ADVANTAGE: INTEGRATED CAPABILITIES

Our vertically-integrated 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 services
- 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

Your Great Ideas + Our Comprehensive Capabilities = Innovative Solutions

Cardiovascular | Structural Heart | Peripheral Vascular | Neurovascular
Orthopedic | Pulmonary | General Surgery

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

CUSTOMIZE A BALLOON TO YOUR EXACT 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 design available upon request

Balloon Ends

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

LET'S GET TO WORK ON YOUR PROJECT

- Phone 1.800.474.0178 *(USA only)* or 1.508.964.6021
- Email: oeminfo@teleflex.com
- Web: www.teleflexmedicaloem.com

Quick-Turn Balloons

High-Quality, High-Performance Balloons
Shipped to You in Five Days or Less*

| Balloon Diameter (MM, @ 6 ATM) [+/- 0.5] | Balloon Length (MM, @ 6 ATM) [+/- 2.5] | Proximal ID (IN) [+/- 0.003"] | Distal ID (IN) [+/- 0.003"] | Average Burst Pressure (ATM) |
|--|--|-------------------------------------|-----------------------------------|------------------------------------|
| 3 | 20 | 0.043 | 0.020 | 26.6 |
| 3 | 40 | 0.043 | 0.020 | 28.5 |
| 3 | 80 | 0.043 | 0.020 | 27.9 |
| 3 | 100 | 0.042 | 0.018 | 29.1 |
| 4 | 20 | 0.062 | 0.038 | 26.0 |
| 4 | 40 | 0.062 | 0.038 | 24.8 |
| 4 | 80 | 0.062 | 0.038 | 27.0 |
| 4 | 100 | 0.062 | 0.041 | 22.6 |
| 5 | 20 | 0.062 | 0.038 | 23.7 |
| 5 | 40 | 0.062 | 0.040 | 21.0 |
| 5 | 80 | 0.062 | 0.040 | 20.8 |
| 5 | 100 | 0.062 | 0.040 | 18.9 |
| 6 | 20 | 0.058 | 0.038 | 25.3 |
| 6 | 40 | 0.058 | 0.041 | 26.2 |
| 6 | 80 | 0.061 | 0.038 | 21.4 |
| 6 | 100 | 0.059 | 0.038 | 21.2 |
| 7 | 40 | 0.058 | 0.042 | 21.8 |
| 7 | 80 | 0.058 | 0.042 | 19.2 |
| 7 | 100 | 0.058 | 0.040 | 24.0 |

BALLOON SPECIFICATIONS

- Material: Nylon 12/Vestamid® ML21
- Compliancy: Semi-compliant
- Characteristics: Cylindrical body, conical ends, balloon legs are untrimmed
- Minimum order: Six pieces of the same diameter/length
- Orders of 102 balloons or less ship in five days or less*

*Note: To ship your order within five days or less, the quantity must be 102 balloons or less. The availability of material can also impact the delivery timeframe.

Pebax is a registered trademark of Arkema France. Vestamid is a registered trademark of Evonik Degussa GmbH. Grilamid is a registered trademark of EMS-Patent AG.

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