

STOCK & CUSTOM **Medical Balloons**

Nordson MEDICAL's technology encompasses more than 25 years of experience in the design, development, and manufacture of non-compliant, semi-compliant and compliant medical balloons.

Let our experienced engineers work with you to develop a custom balloon for your application, or select a stock balloon from more than 100 balloons available immediately through our online store.

FEATURES & BENEFITS

- Highest quality in the industry
- Extensive stock inventory of balloons available immediately
- Experienced engineers developing cutting edge solutions including:
 - Multi-lumen balloons
 - Braid-reinforced balloons for ultra-high strength
 - Lead times as short as 2 weeks
- Applications:
 - Angioplasty/Dilatation Catheters
 - TAVI
 - AAA
 - Endovascular Graft Delivery
 - Heat Transfer Catheters
 - Positioning
 - Stent Delivery
 - Kyphoplasty
 - Drug Delivery

SPECIFICATIONS

- **Materials:**
 - PET
 - Polyurethane
 - Nylon
 - Thermoplastic Elastomers
 - Nylon Elastomers
- **Balloon Surface Enhancements:**
 - Coatings for puncture or abrasion resistance
 - Coatings for lubricity
 - Various surface texturing options
- **Balloon Surface Enhancements:**
 - Asymmetrical and eccentric
 - Conical, diamond, dog-bone
 - Offsets, spiral, multi-channel

SPECIFICATIONS

** Production capability may vary depending upon overall balloon design.*

Non-Compliant Balloons

- Ultra high-strength, thin-walled
- Burst pressures from 15-440+ psi (1-30+ atm)
- Compliance range: 0-7% (typical) radial expansion
- Sizes typically range from 0.5 to 60+ mm diameter and up to 350 mm length

Semi-Compliant Balloons

- High-strength, thin-walled
- Compliance range: 8-20% (typical) radial expansion
- Burst pressures typically range from 15-440+ psi (1-30+ atm)
- Sizes typically range from 0.5 to 60+ mm diameter and up to 350 mm length

Compliant Balloons

- Low pressure, thin and thick-walled
- Burst pressures from 0-30 psi (0-2 atm)
- Compliance range: 20-200% or more
- Volume versus pressure inflation recommended
- Sizes range from 0.5 to 60+ mm or more in diameter and up to 350 mm length

HIGH-QUALITY, HIGH-PERFORMANCE MEDICAL BALLOONS

Our complex medical balloons have earned their reputation as the best in the industry with the tightest tolerances, highest burst pressures, thinnest walls, and the widest selection of unique balloon design options in the industry. We can provide a medical balloon to meet the needs of any application with simple to complex shapes and ends, compliant, semi-compliant, and non-compliant types, and a variety of diverse materials.

