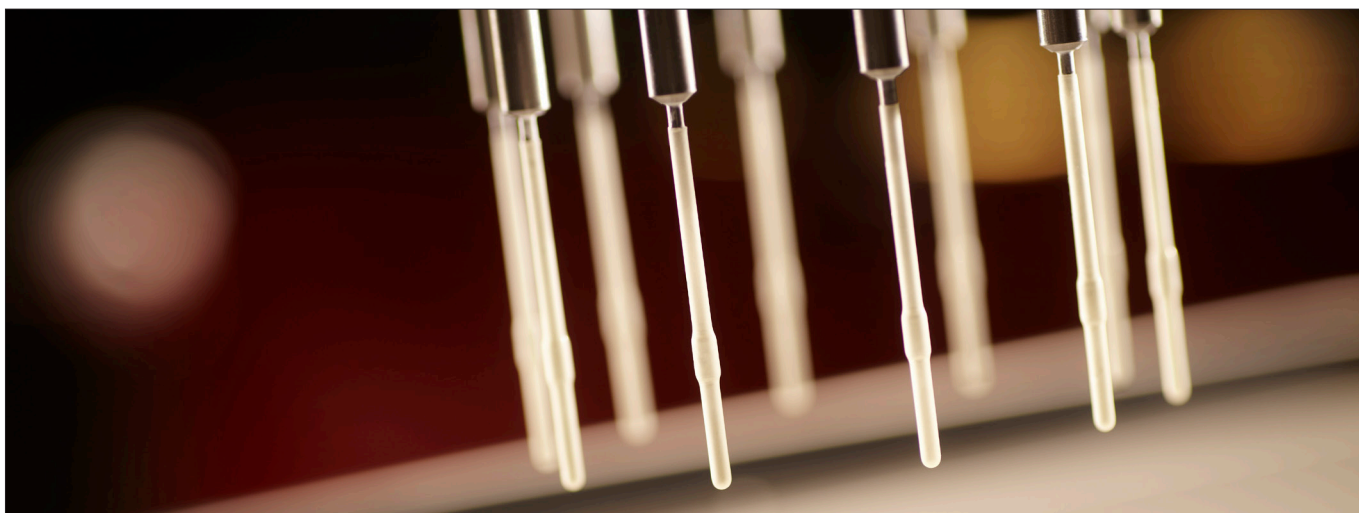


## Medical Solutions' competences

# Catheter Balloons – Latex



## Outsourcing to Nolato ensures improved quality at a lower overall cost

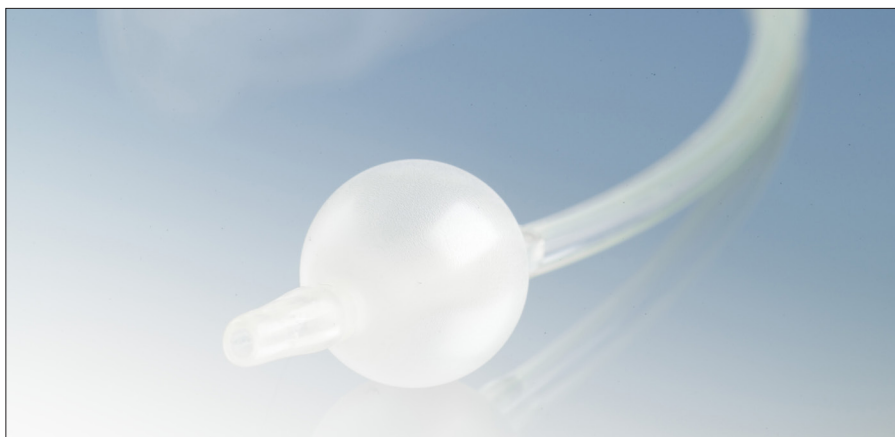
- A major US based medical device company lowered their market complaint rate by 40% using Nolato's catheter balloons.

Nolato is a world leading supplier of catheter balloons with a large market share worldwide. Nolato's catheter balloons have superior material properties in purity, symmetry and resilience, which is crucial for specific medical device applications.

A validated process and an excellent compound are keys to manufacturing catheter balloons efficiently with high quality. The material is considered to be very appropriate for therapeutic and diagnostic catheter applications.

For customer product development, Nolato offers short lead times for balloon samples. Nolato also offers customers a dedicated project team assisting in balloon design input for their projects.

Nolato's catheter balloons are used worldwide. The majority of the customers have subsequently shut down their own dipping operations and outsourced the balloon manufacturing to the experts. Accordingly, Nolato has extensive experience in outsourcing projects.





Balloons cut to length – ready to use.

Nolato offers catheter balloons cut to length which yields high quality cuts as a competitive option.

### Typical dimensions and tolerances

Dimension	Size	Tolerance
Inner diameter	0.6 – 5.0 mm (2 –15 French)	± 0.05 mm
Wall thickness	0.16 – 0.40 mm	± 0.03 mm
Length	4 – 35 mm	± 0.15 mm
Obliqueness	≤ 0.20 mm	

Samples of catheter balloons are offered with short lead times in standard packages and include:

- Measurement protocol
- Physical properties for the material lot
- Delivery certificate
- Capability reports (if requested)

For more information, RFQ, orders etc. please contact:

Carolina Kjellman  
 Product Manager  
 Phone + 46 729 839160  
 E-mail: carolina.kjellman@nolato.com

- Manufactured in accordance with ISO 9001, ISO 13485 and ISO 14001
- Validated manufacturing process
- 100 % visually inspected for quality purposes
- USP Class VI tested natural rubber latex
  - Systemic Injection Test USP 26
  - Muscle Implantation Test USP 23
  - Intracutaneous Test USP 23
  - Pyrogen Test USP 2
- The total protein content of each material batch is determined by the Modified Lowry method (EN 455-3)
- Tight tolerances offered with high process capability
- Superior material properties regarding purity, symmetry and resilience
- The catheter balloons can be provided cut to customer specification
- Dedicated project team with extensive experience from outsourcing and customer development projects.
- Quick turn-around for samples

