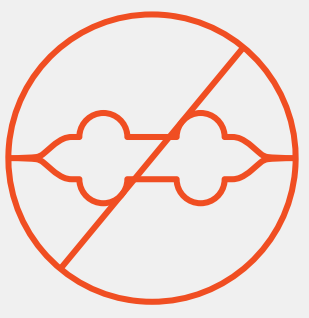
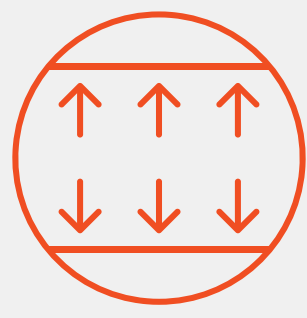
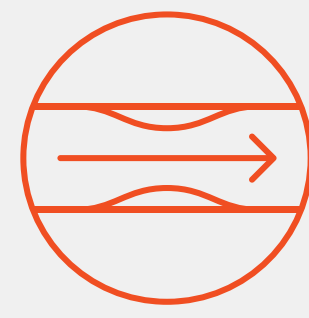




Lowest compliance  
in class avoiding  
dog-bone effect



Precise dilatation



Enhanced crossability  
and accurate placement

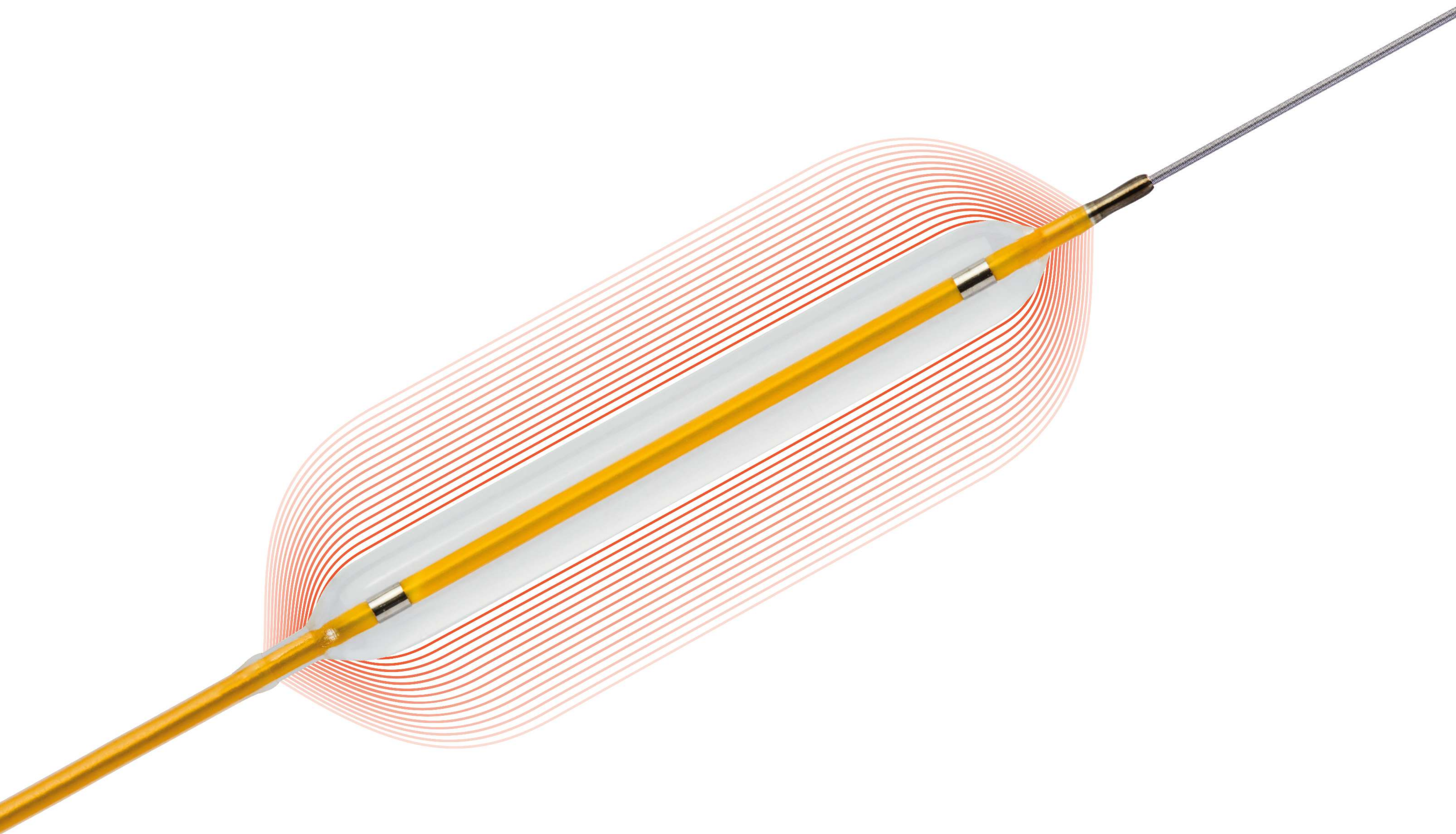


Technical data /  
ordering info

Vascular Intervention // **Coronary**  
Non-Compliant High Pressure  
Balloon Catheter

 **BIOTRONIK**  
excellence for life

# Pantera LE0

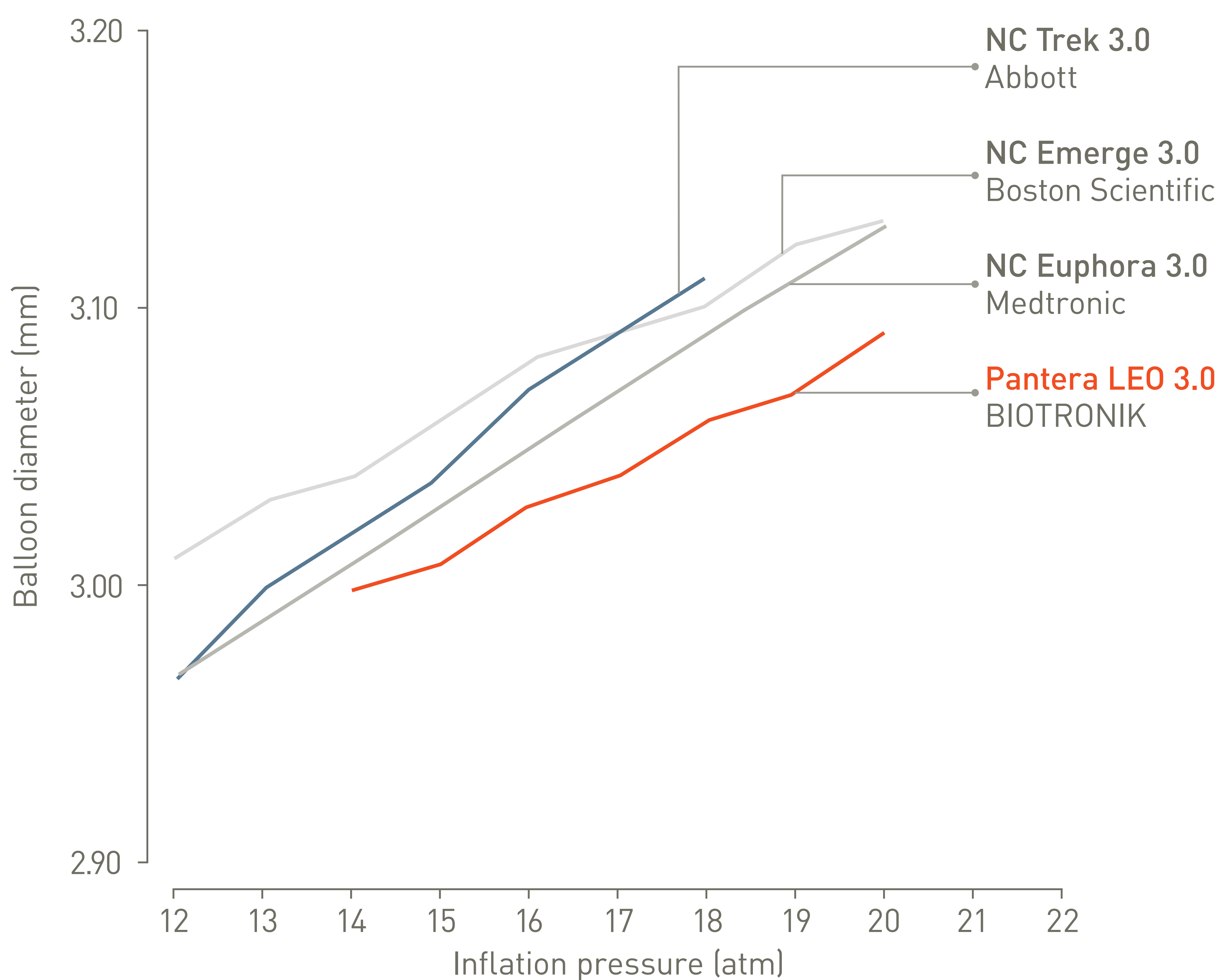


# Lowest compliance in class<sup>1</sup> avoiding dog-bone effect

The Pantera LEO high pressure balloon has the lowest compliance in class<sup>1</sup> which ensures controlled minimal growth up to Rated Burst Pressure (RBP) without any dog-bone effect.

## More controlled growth from Nominal Pressure (NP) to RBP<sup>1</sup>

Compliance curves 3.0 mm balloons  
(Values shown between NP and RBP)



Source: Product Labelling

# Precise dilatation

## Extra short balloon shoulders

The extra short balloon shoulders reduce longitudinal balloon growth, minimizing the potential for vessel trauma outside the treatment area.

## Longitudinal balloon growth between NP and RBP<sup>2</sup>

**Pantera LEO**  
BIOTRONIK

NP at 14 atm

RBP at 20 atm

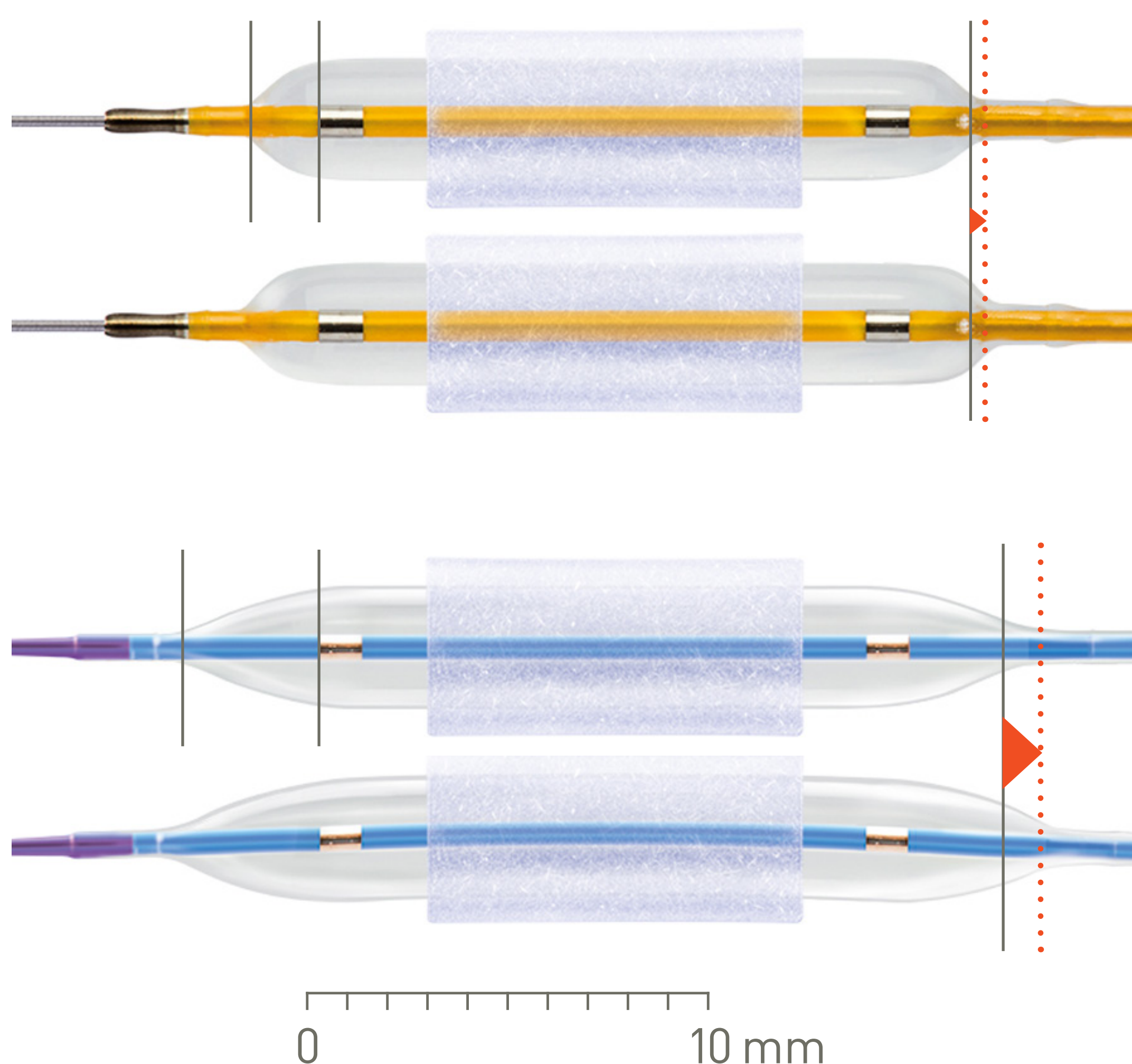
**NC Emerge**  
Boston Scientific

NP at 12 atm

RBP at 20 atm

Extra short shoulders

Minimal growth





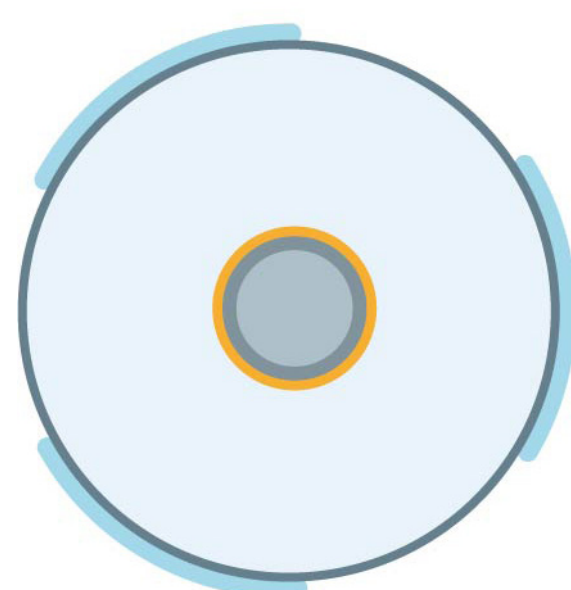
# Enhanced crossability and accurate placement

## Patchwork coating

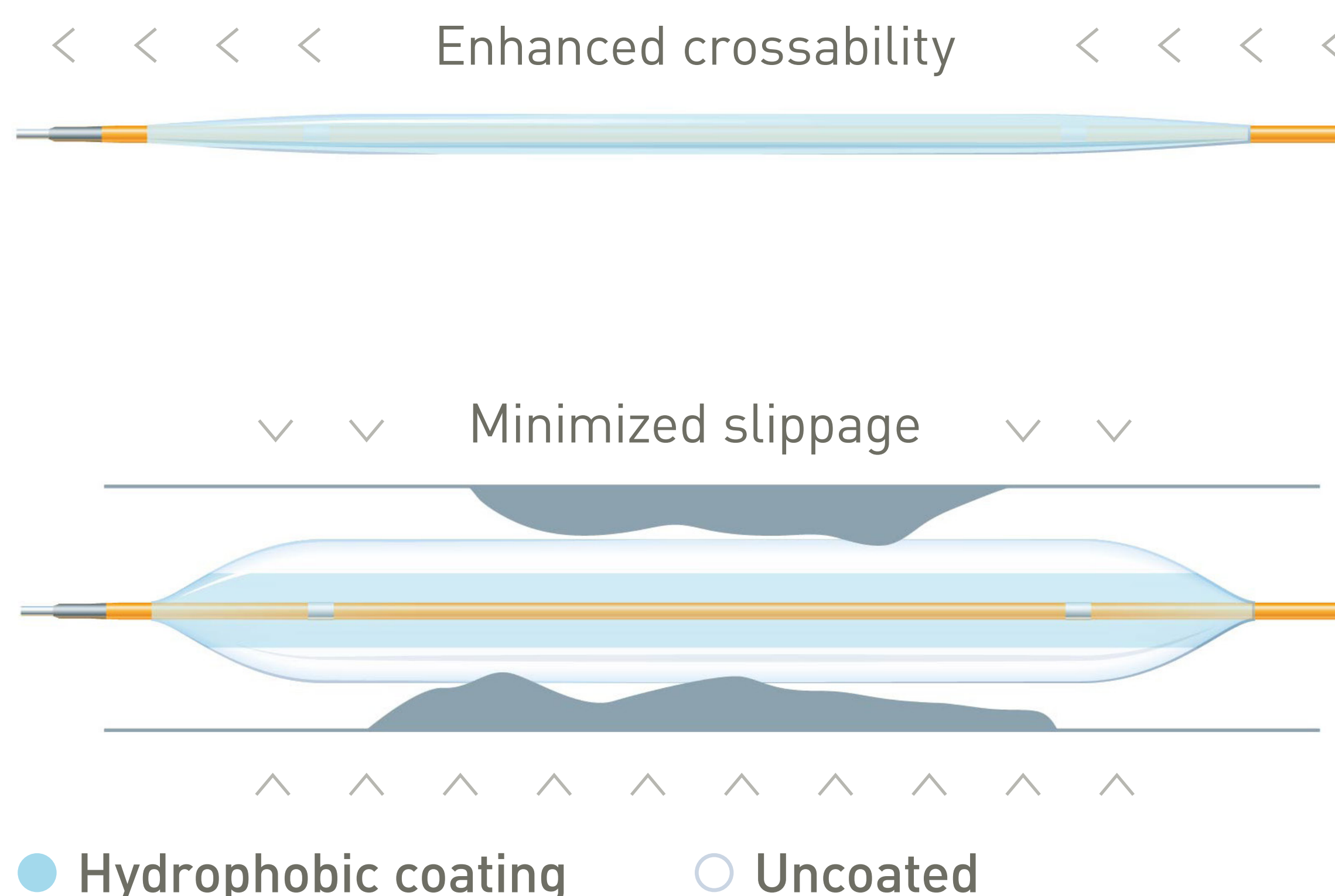
The tri-fold balloon is fully coated when folded but only partially coated when inflated. The resulting patchwork coating enables enhanced crossability while minimizing slippage during dilatation.

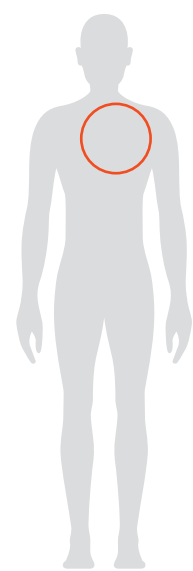


Folded balloon



Inflated balloon





# Pantera LEO

Indicated for stent post-dilatation and dilatation of a coronary artery or bypass graft stenosis.\*

| Technical Data | Proximal shaft       |                                                                             |
|----------------|----------------------|-----------------------------------------------------------------------------|
|                | Design               | Hypotube design                                                             |
|                | Diameter             | 2.0F                                                                        |
|                | Shaft markers        | 92 cm and 102 cm from tip                                                   |
|                | Coating              | Hydrophobic                                                                 |
|                | Distal shaft         |                                                                             |
|                | Guiding catheter     | 5F (min. I.D. 0.056")                                                       |
|                | Guide wire diameter  | 0.014"                                                                      |
|                | Lesion entry profile | 0.018"                                                                      |
|                | Usable length        | 145 cm                                                                      |
|                | Distal shaft length  | 34 cm                                                                       |
|                | Balloon material     | SCP (Semi Crystalline Polymer)                                              |
|                | Balloon folding      | 3-fold                                                                      |
|                | Balloon markers      | Platinum-iridium                                                            |
|                | Coating              | Hydrophilic (end of balloon to GW exit port); hydrophobic (balloon and tip) |
|                | Diameter             | 2.6F (ø 2.0 - 3.75 mm); 2.7F (ø 4.0 - 5.0 mm)                               |

| Compliance Chart           |        | Balloon diameter x length (mm) |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |
|----------------------------|--------|--------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                            |        | ø 2.00<br>x<br>8-30            | ø 2.25<br>x<br>8-30 | ø 2.50<br>x<br>8-30 | ø 2.75<br>x<br>8-30 | ø 3.00<br>x<br>8-30 | ø 3.25<br>x<br>8-30 | ø 3.50<br>x<br>8-30 | ø 3.75<br>x<br>8-30 | ø 4.00<br>x<br>8-30 | ø 4.50<br>x<br>8-30 | ø 5.00<br>x<br>8-30 |
| Nominal Pressure (NP)      | atm**  | 14                             | 14                  | 14                  | 14                  | 14                  | 14                  | 14                  | 14                  | 14                  | 14                  | 14                  |
|                            | ø (mm) | 2.00                           | 2.25                | 2.50                | 2.75                | 3.00                | 3.25                | 3.50                | 3.75                | 4.00                | 4.50                | 5.00                |
| Rated Burst Pressure (RBP) | atm**  | 20                             | 20                  | 20                  | 20                  | 20                  | 20                  | 20                  | 20                  | 20                  | 18                  | 18                  |
|                            | ø (mm) | 2.05                           | 2.32                | 2.57                | 2.83                | 3.09                | 3.35                | 3.61                | 3.89                | 4.12                | 4.56                | 5.07                |

\*\*1 atm = 1.013 bar

| Ordering Information |      | Balloon ø (mm) | Catheter length 145 cm<br>Balloon length (mm) |        |        |        |    |
|----------------------|------|----------------|-----------------------------------------------|--------|--------|--------|----|
|                      |      |                | 8                                             | 12     | 15     | 20     | 30 |
|                      | 2.00 | 366991         | 367002                                        | 367013 | 367024 | 367035 |    |
|                      | 2.25 | 366992         | 367003                                        | 367014 | 367025 | 367036 |    |
|                      | 2.50 | 366993         | 367004                                        | 367015 | 367026 | 367037 |    |
|                      | 2.75 | 366994         | 367005                                        | 367016 | 367027 | 367038 |    |
|                      | 3.00 | 366995         | 367006                                        | 367017 | 367028 | 367039 |    |
|                      | 3.25 | 366996         | 367007                                        | 367018 | 367029 | 367040 |    |
|                      | 3.50 | 366997         | 367008                                        | 367019 | 367030 | 367041 |    |
|                      | 3.75 | 366998         | 367009                                        | 367020 | 367031 | 367042 |    |
|                      | 4.00 | 366999         | 367010                                        | 367021 | 367032 | 367043 |    |
|                      | 4.50 | 367000         | 367011                                        | 367022 | 367033 | 367044 |    |
|                      | 5.00 | 367001         | 367012                                        | 367023 | 367034 | 367045 |    |

1. When compared to main competitors, compliance curves 3.0 mm balloons, BIOTRONIK Data on file; 2. BIOTRONIK Data on file.  
Trek and NC Trek are registered trademarks of Abbott; Emerge is a registered trademark of Boston Scientific; Euphora is a registered trademark of Medtronic.

\*Indication as per IFU.

