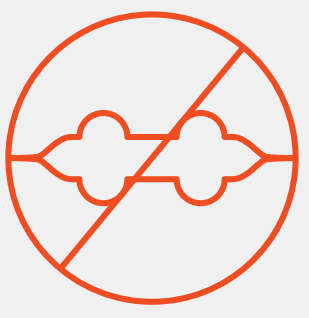
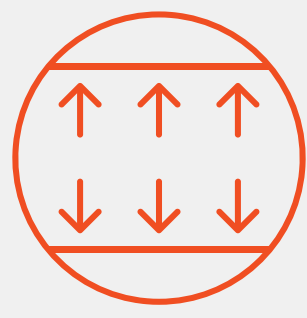
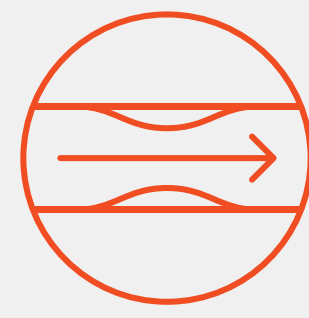




Lowest compliance
in class avoiding
dog-bone effect



Precise dilatation



Enhanced crossability
and accurate placement

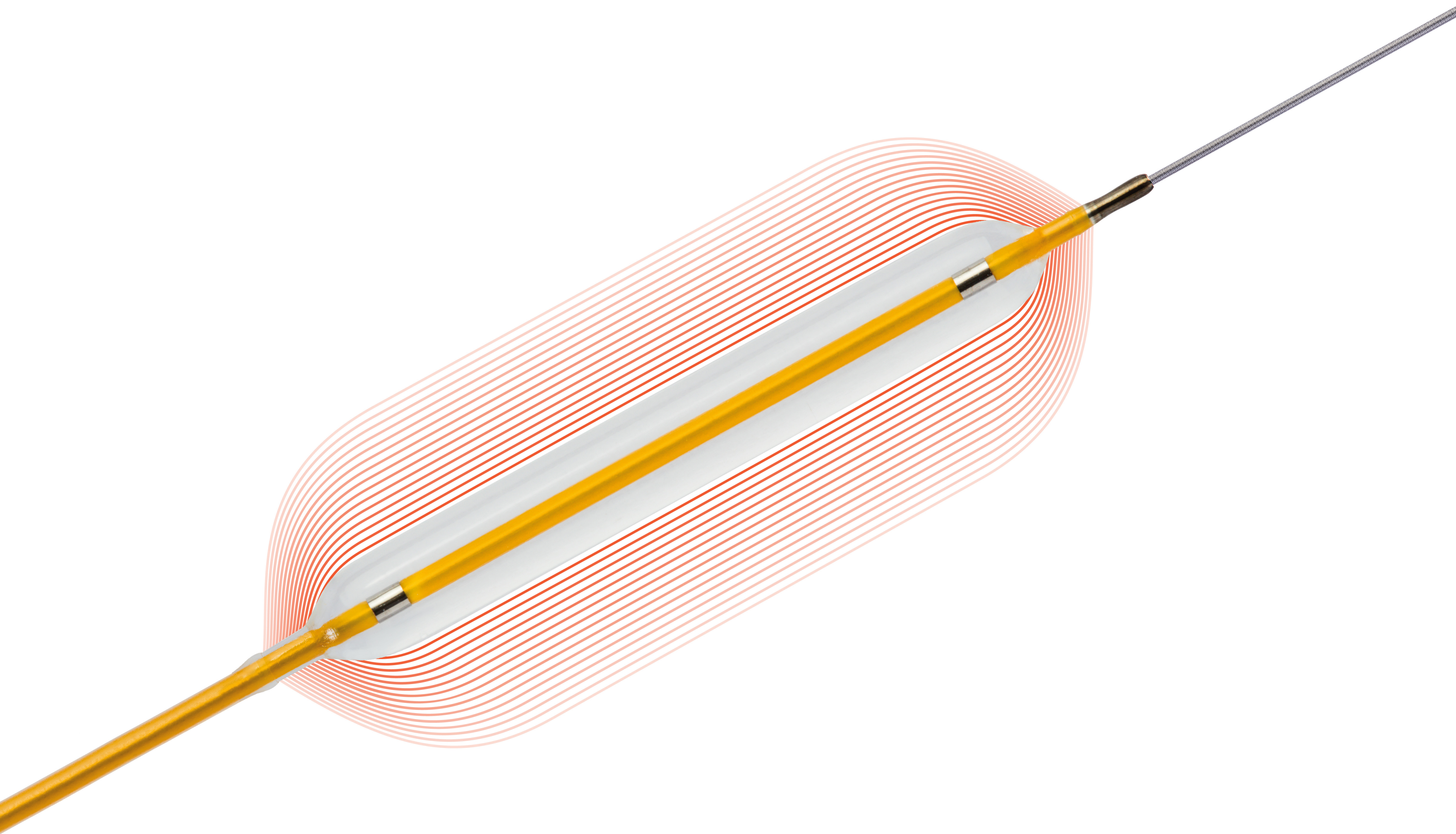


Technical data /
ordering info

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

 **BIOTRONIK**
excellence for life

Pantera LE0

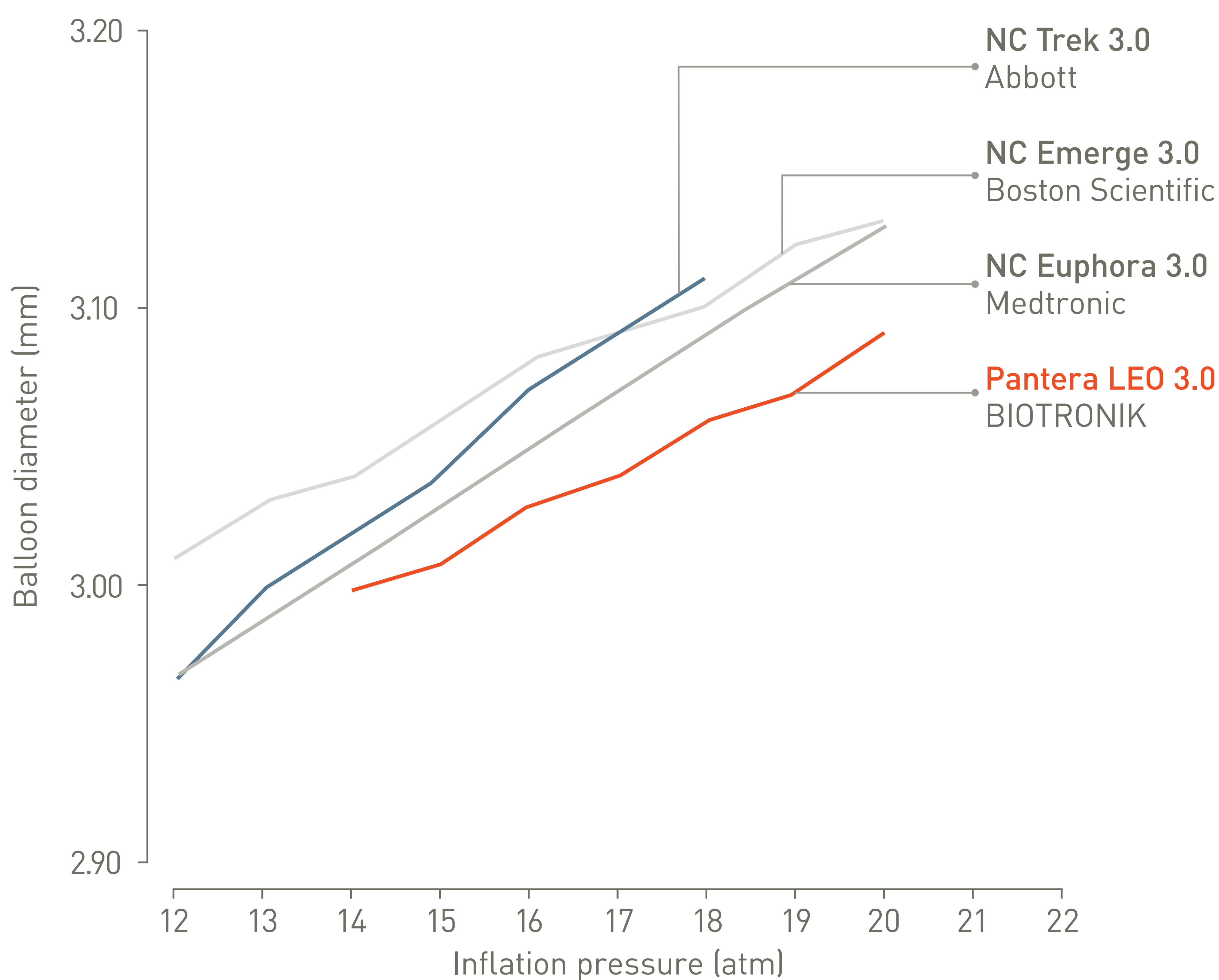


Lowest compliance in class¹ avoiding dog-bone effect

The Pantera LEO high pressure balloon has the lowest compliance in class¹ which ensures controlled minimal growth up to Rated Burst Pressure (RBP) without any dog-bone effect.

More controlled growth from Nominal Pressure (NP) to RBP¹

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 RBP²

Pantera LEO
BIOTRONIK

NP at 14 atm

RBP at 20 atm

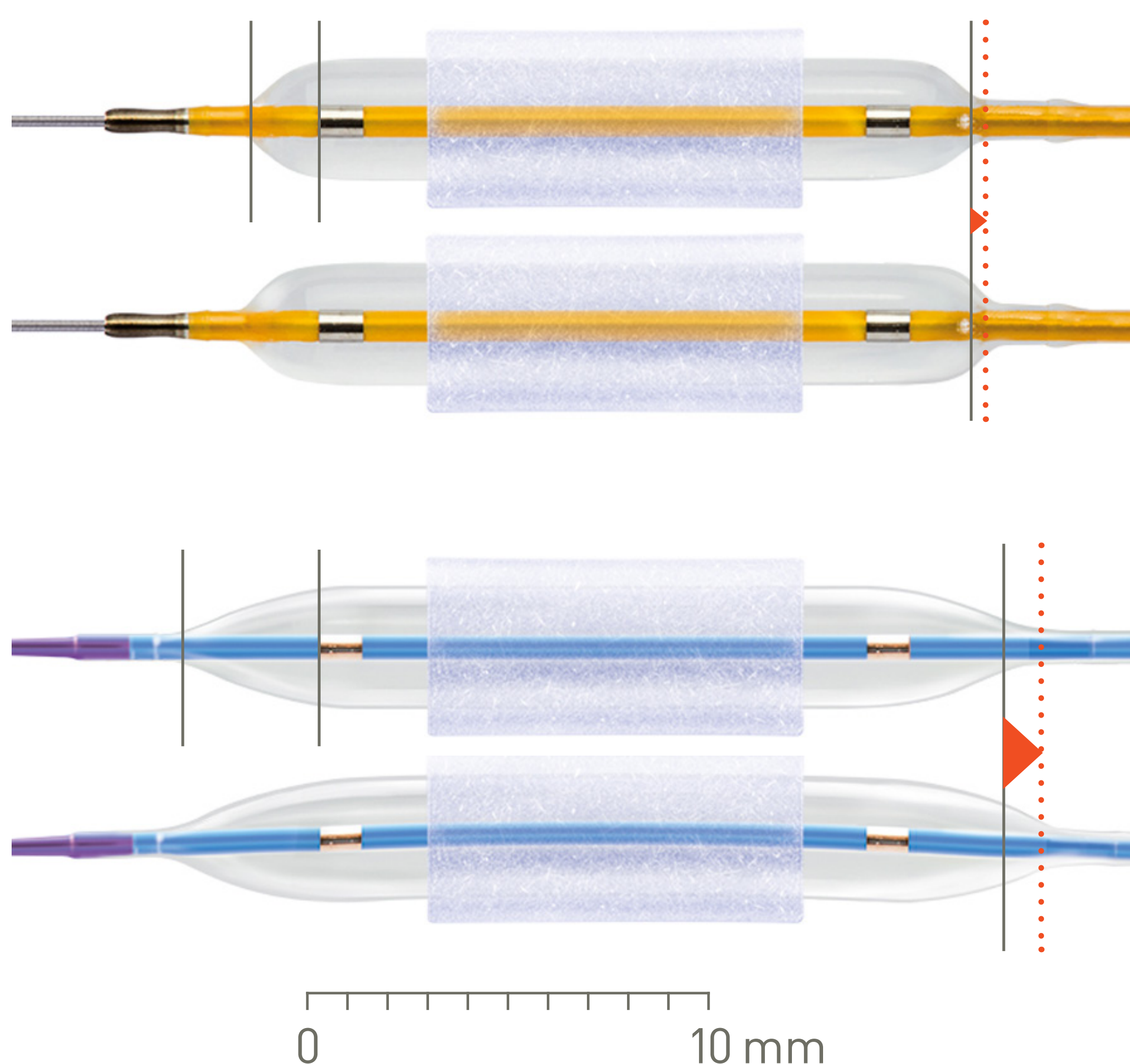
NC Emerge
Boston Scientific

NP at 12 atm

RBP at 20 atm

Extra short shoulders

Minimal growth





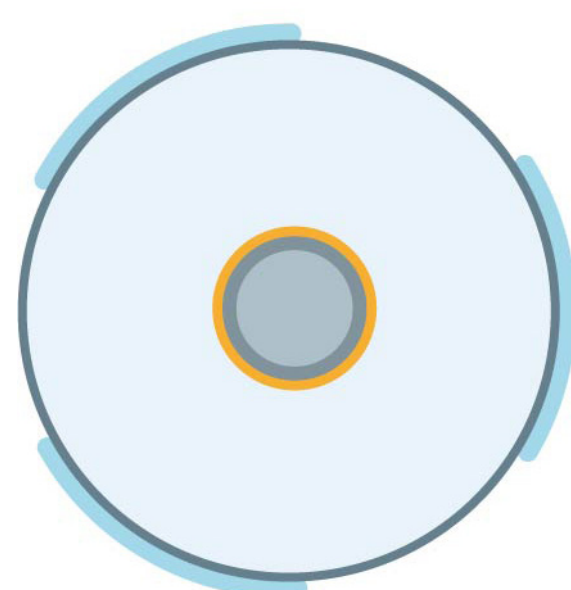
Enhanced crossability and accurate placement

Patchwork coating

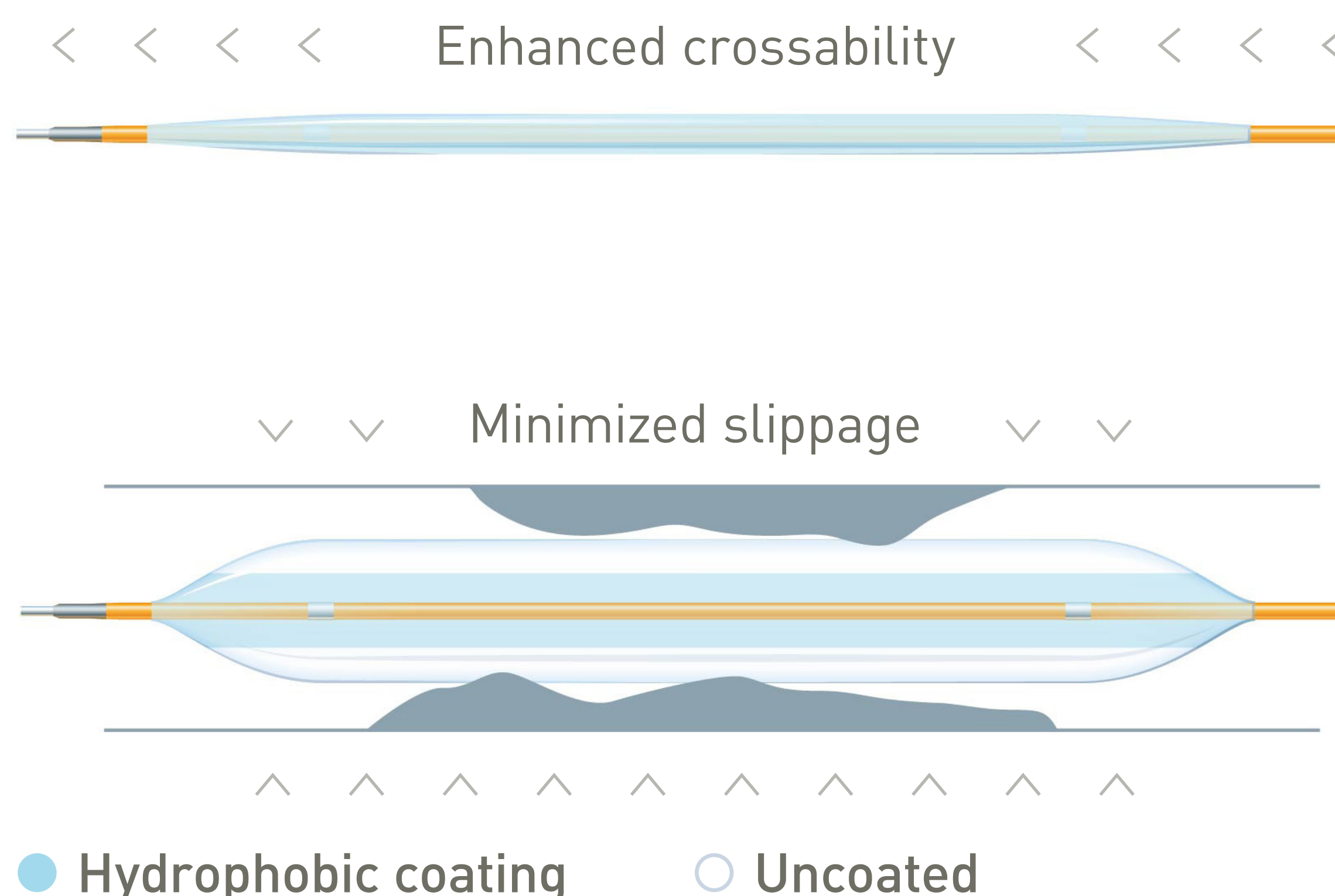
The tri-fold balloon is fully coated when folded but only partially coated when inflated. The resulting patchwork coating enables enhanced crossability while minimizing slippage during dilatation.

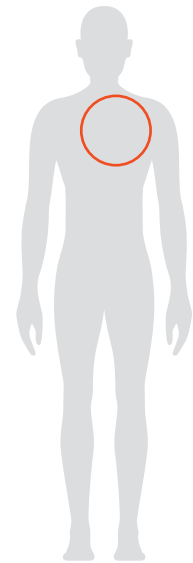


Folded balloon



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 x 8-30	ø 2.25 x 8-30	ø 2.50 x 8-30	ø 2.75 x 8-30	ø 3.00 x 8-30	ø 3.25 x 8-30	ø 3.50 x 8-30	ø 3.75 x 8-30	ø 4.00 x 8-30	ø 4.50 x 8-30	ø 5.00 x 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 Balloon length (mm)				
			8	12	15	20	30
5F	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.

