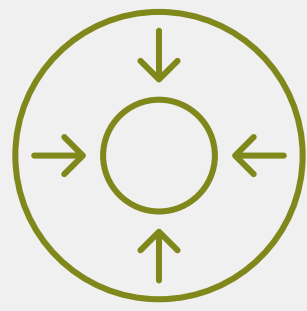


Covered single
stent design



Low crossing profile



Exceptional
deliverability

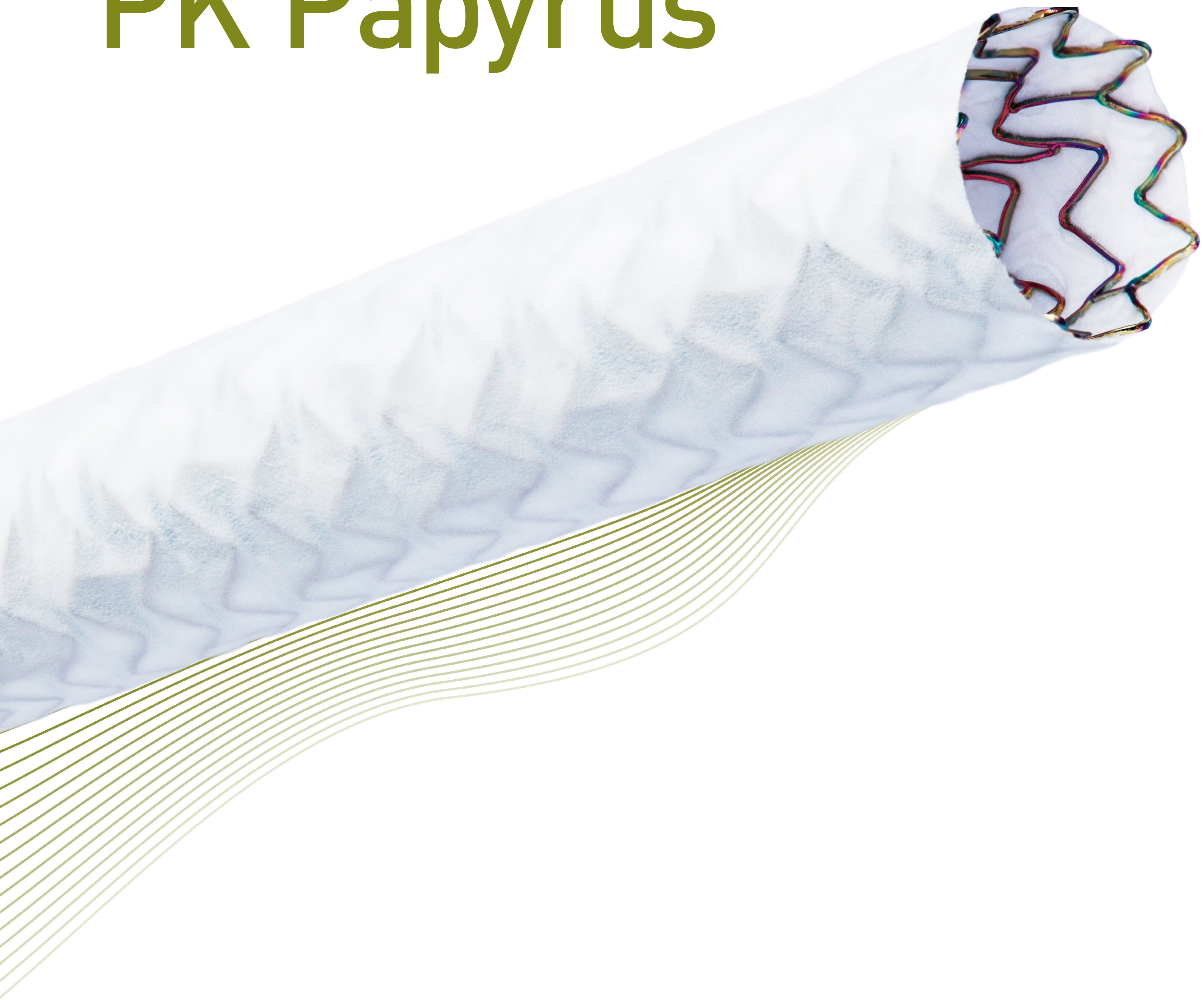


Technical data /
ordering info

Vascular Intervention // **Coronary**
Covered Coronary Stent System

BIO **BIOTRONIK**
excellence for life

PK Papyrus[®]

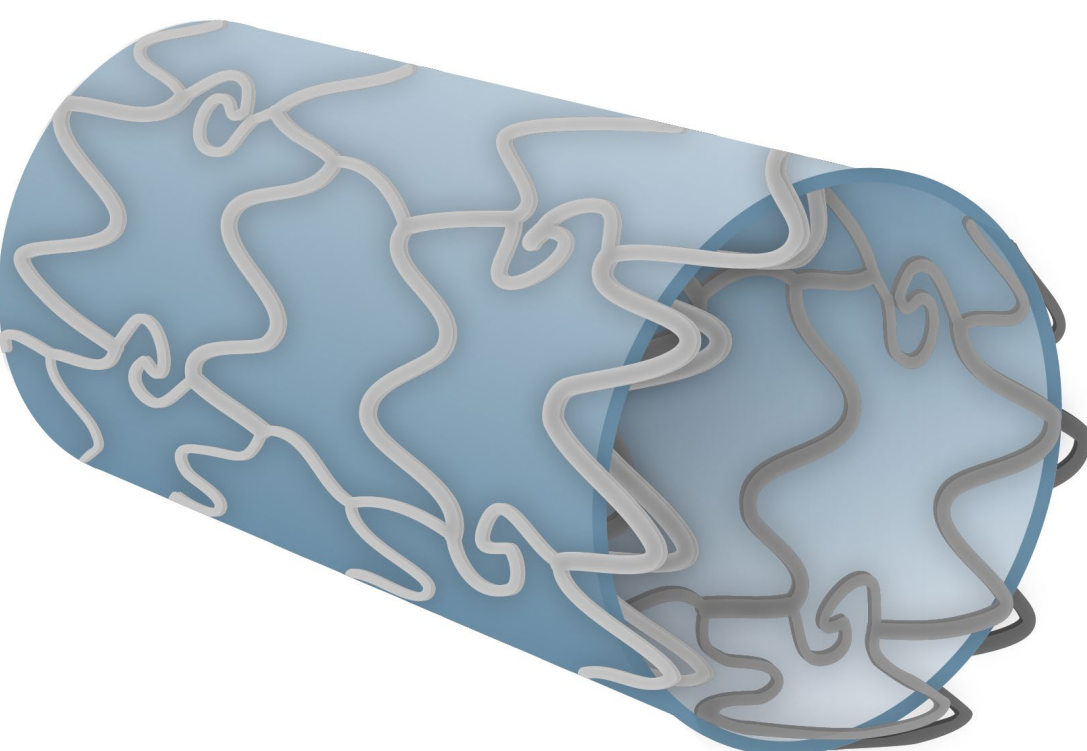


PK Papyrus

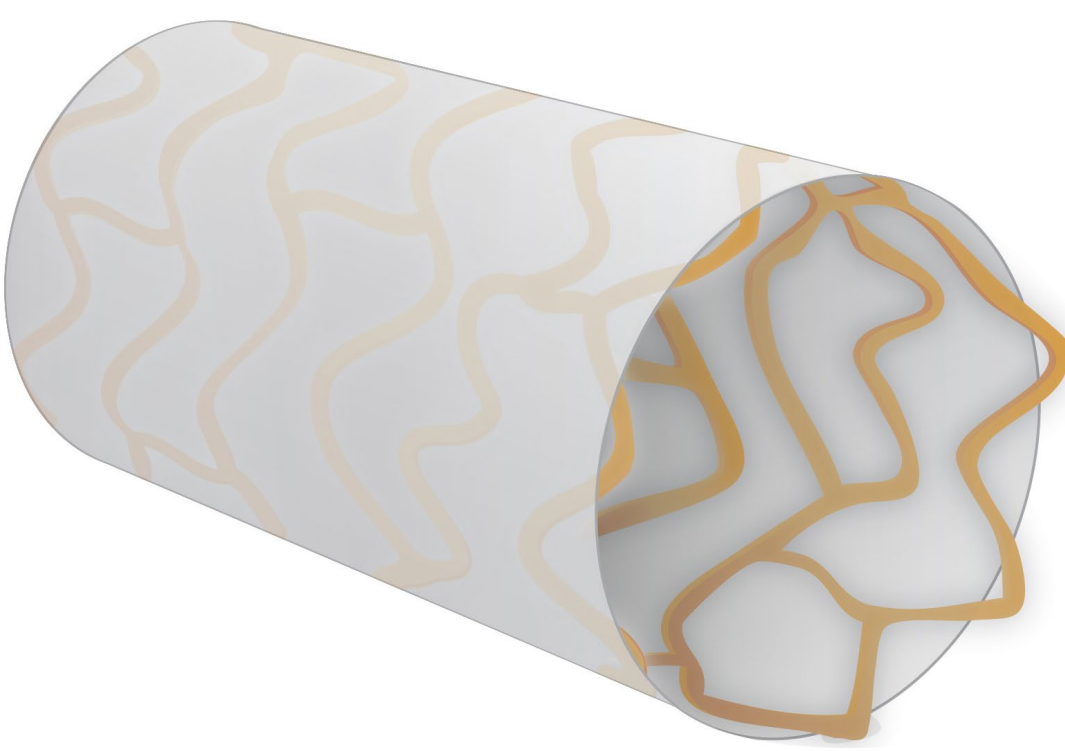
Designed to save lives when seconds count.

Covered single stent design

With its covered single stent design, PK Papyrus achieves greater bending flexibility and a smaller crossing profile compared to the traditional sandwich design stent, allowing you to seal perforations with confidence.



Traditional sandwich design stent



PK Papyrus
Covered single stent design

Low crossing profile¹

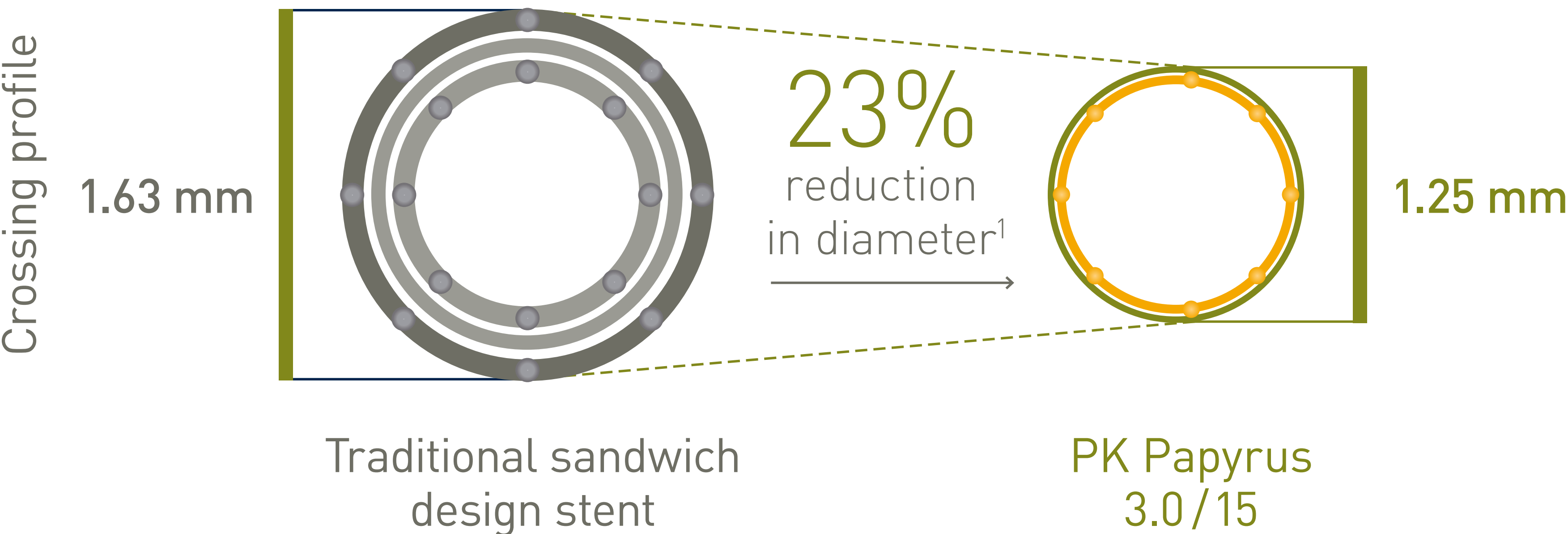
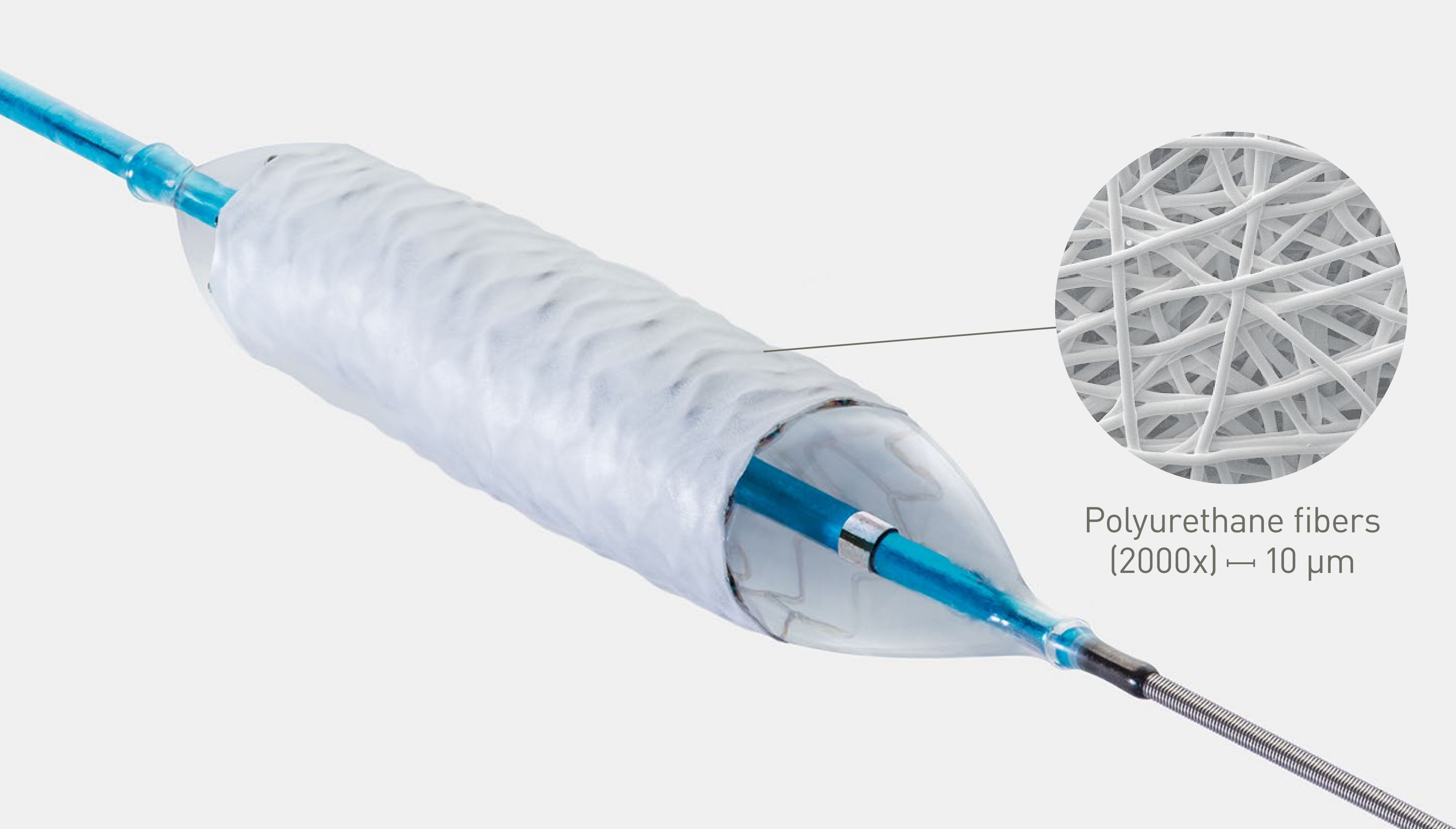


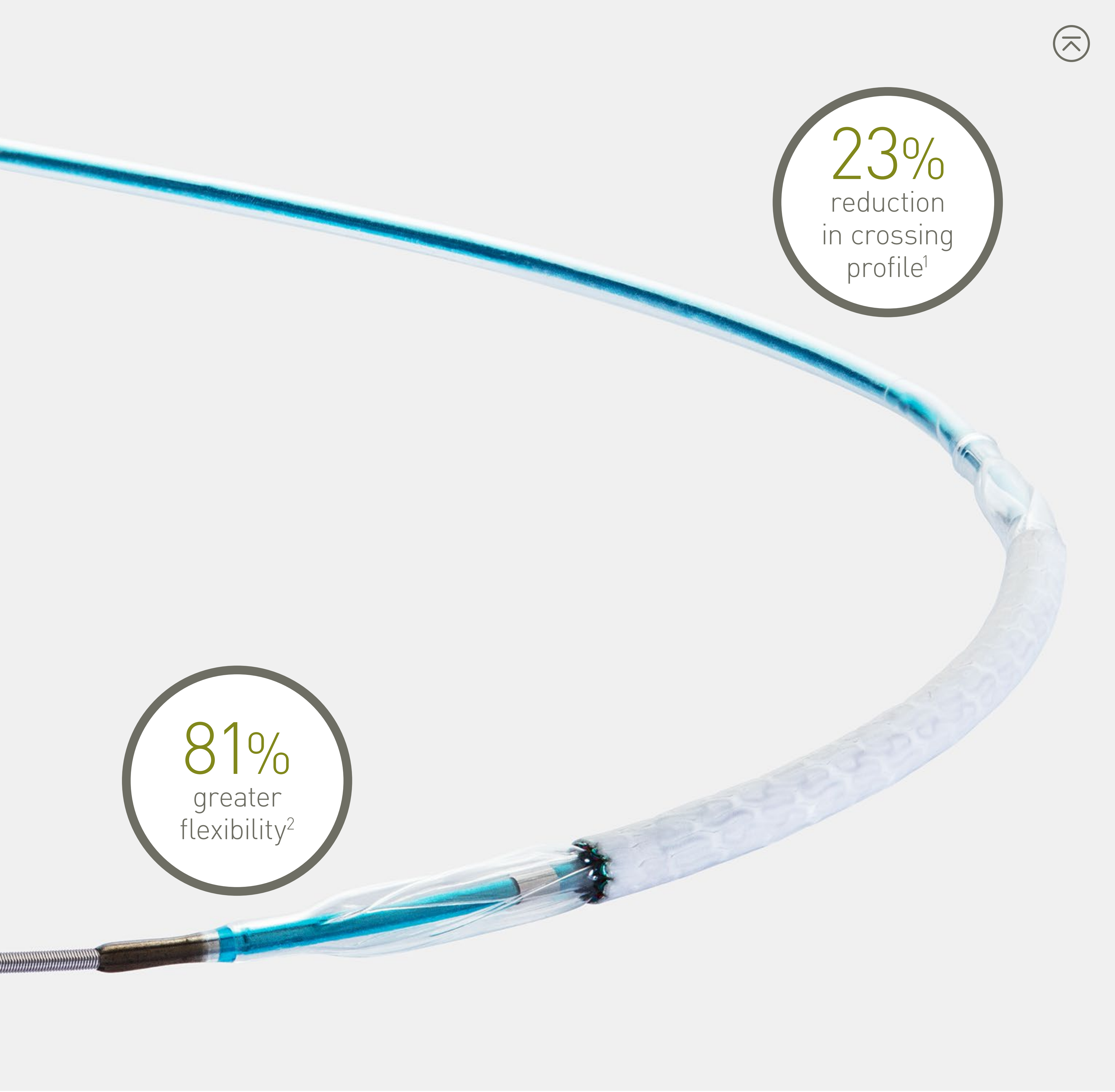
Illustration depicts crimped devices prior to inflation

Innovative polyurethane membrane

Electrostatic forces spin polyurethane fibers onto the stent surface, creating a thin and highly elastic membrane.



Polyurethane fibers
(2000x) \rightarrow 10 μ m

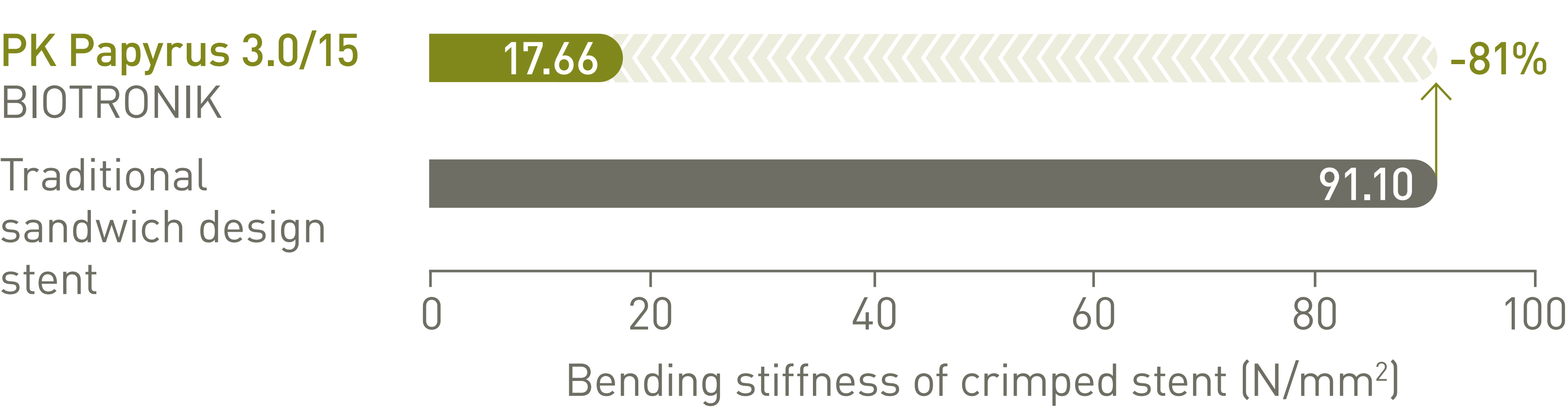


23%
reduction
in crossing
profile¹

81%
greater
flexibility²

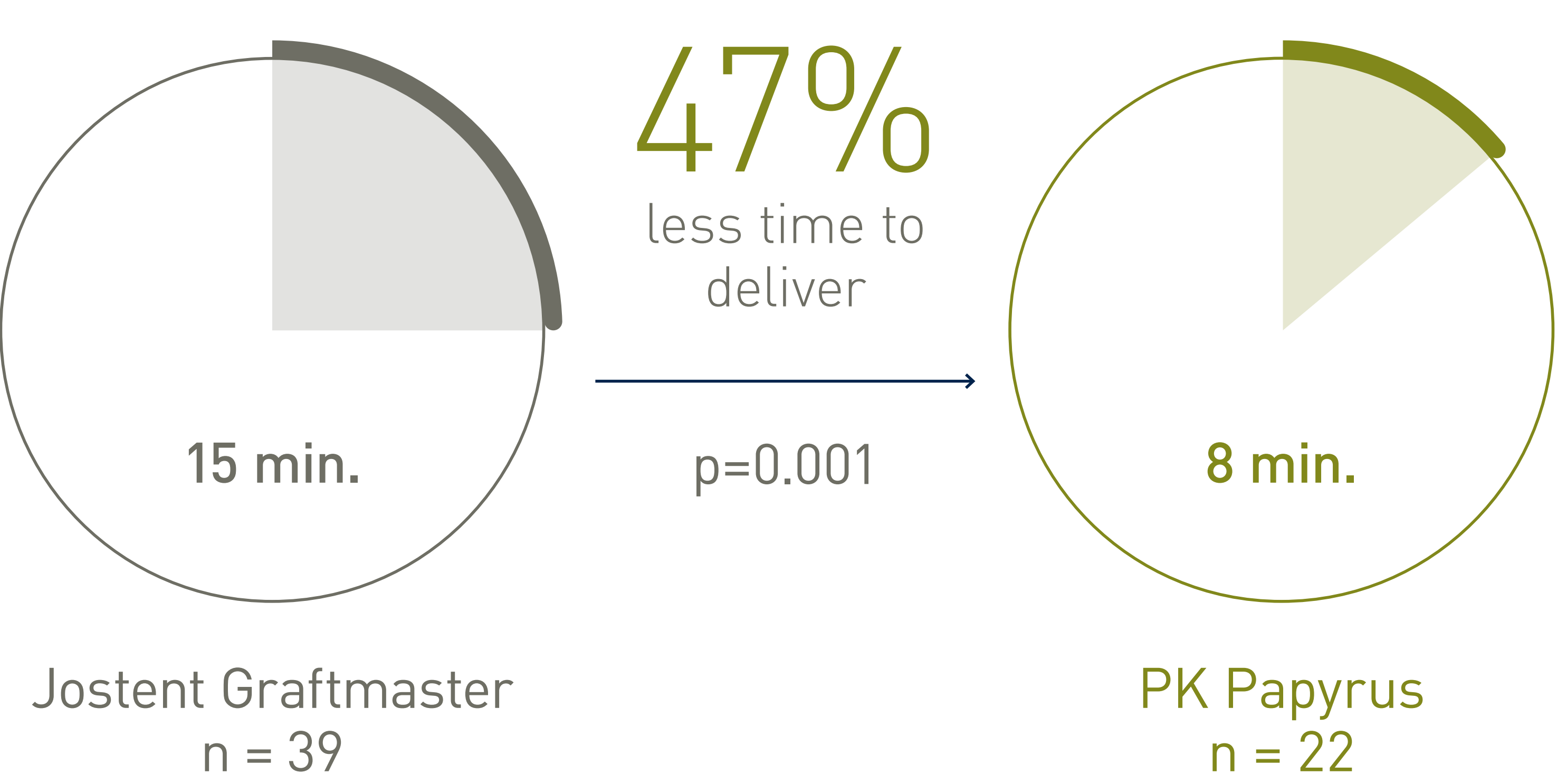
Exceptional deliverability

81% greater flexibility²



Shorter median time to deliver

Single center, retrospective investigation of 61 patients treated with covered coronary stents.^{3,4}



“In rare cases of a coronary perforation, time is the enemy.”

Dr. Dean Kereiakes, Interventional Cardiologist and Medical Director of The Christ Hospital and Vascular Center, Cincinnati, Ohio, USA.

5F Compatibility

For main sizes - no need for guide catheter upgrade (ø 2.5-4.0 mm).

5F

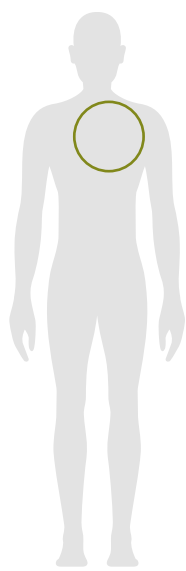




PK Papyrus®

Indicated for acute coronary artery perforations.*

Vascular
Intervention
Coronary



Technical Data	Stent	
	Stent cover material	Non-woven, electrospun polyurethane
	Stent strut thickness	ø 2.5 - 3.0 mm: 60 µm (0.0024"); ø 3.5 - 4.0 mm: 80 µm (0.0031"); ø 4.5 - 5.0 mm: 120 µm (0.0047")
	Stent material	Cobalt chromium (L-605) with proBIO® (Amorphous Silicon Carbide) coating
	Maximum stent expansion diameter	ø 2.5 - 3.0 mm: 3.50 mm; ø 3.5 - 4.0 mm: 4.65 mm; ø 4.5 - 5.0 mm: 5.63 mm
	Delivery system	
	Guide wire diameter	0.014"
	Usable catheter length	140 cm
	Recommended guide catheter	ø 2.5 - 4.0 mm: 5F (min. I.D.** 0.056"); ø 4.5 - 5.0 mm: 6F (min. I.D.** 0.070")
	Nominal pressure (NP)	ø 2.5 - 3.5 mm: 8 atm; ø 4.0 - 5.0 mm: 7 atm
	Rated burst pressure (RBP)	ø 2.5 - 4.0 mm: 16 atm; ø 4.5 - 5.0 mm: 14 atm
	**I.D. = Inner Diameter	

Ordering Information	Stent ø (mm)	Catheter length 140 cm Stent length (mm)		
		15	20	26
5F	2.5	369380	369386	-
	3.0	369381	369387	381789
	3.5	369382	369388	381790
	4.0	369383	369389	381791
6F	4.5	369384	369390	369392
	5.0	369385	369391	369393

1. Compared to Graftmaster Coronary Stent Graft System 2.8/16 (BIOTRONIK data on file, based on specifications); 2. Compared to Graftmaster Coronary Stent Graft System 2.8/16 (BIOTRONIK data on file, IIB data 2020); 3. Hernandez-Enriquez M, Lairez O, Campelo-Parada F, et al. Outcomes after use of covered stents to treat coronary artery perforations. Comparison of old and new-generation covered stents. J Interv Cardiol. 2018;1–7. doi: 10.1111/joic.12525; 4. Population is representative of real world interventional practice and was not a randomized prospective clinical trial.

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*Indication as per IFU.

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