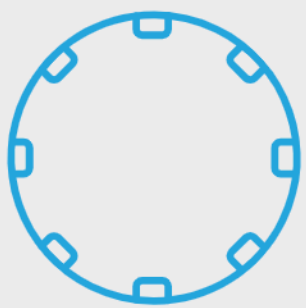




Clinically proven



Covered single
stent design



Exceptional
deliverability



Technical data /
ordering info



PK Papyrus™

Covered coronary
stent system

Designed to save lives when seconds count.





PK Papyrus™

Designed to save lives when seconds count.^{1,2}

Clinically proven^{a,3-15}

>1,500

patients with PK Papyrus™ studied in clinical studies¹⁶

10

Number of publications available³⁻¹²

93.7 %

Patients were not referred to emergency cardiac surgery.^{b,7} PK Papyrus™ is safe and effective as confirmed by one of the largest patient datasets for covered stents^{c,7}

PK Papyrus™ bears the CE mark and is fully certified in accordance with the MDR, FDA^d, and PMDA.

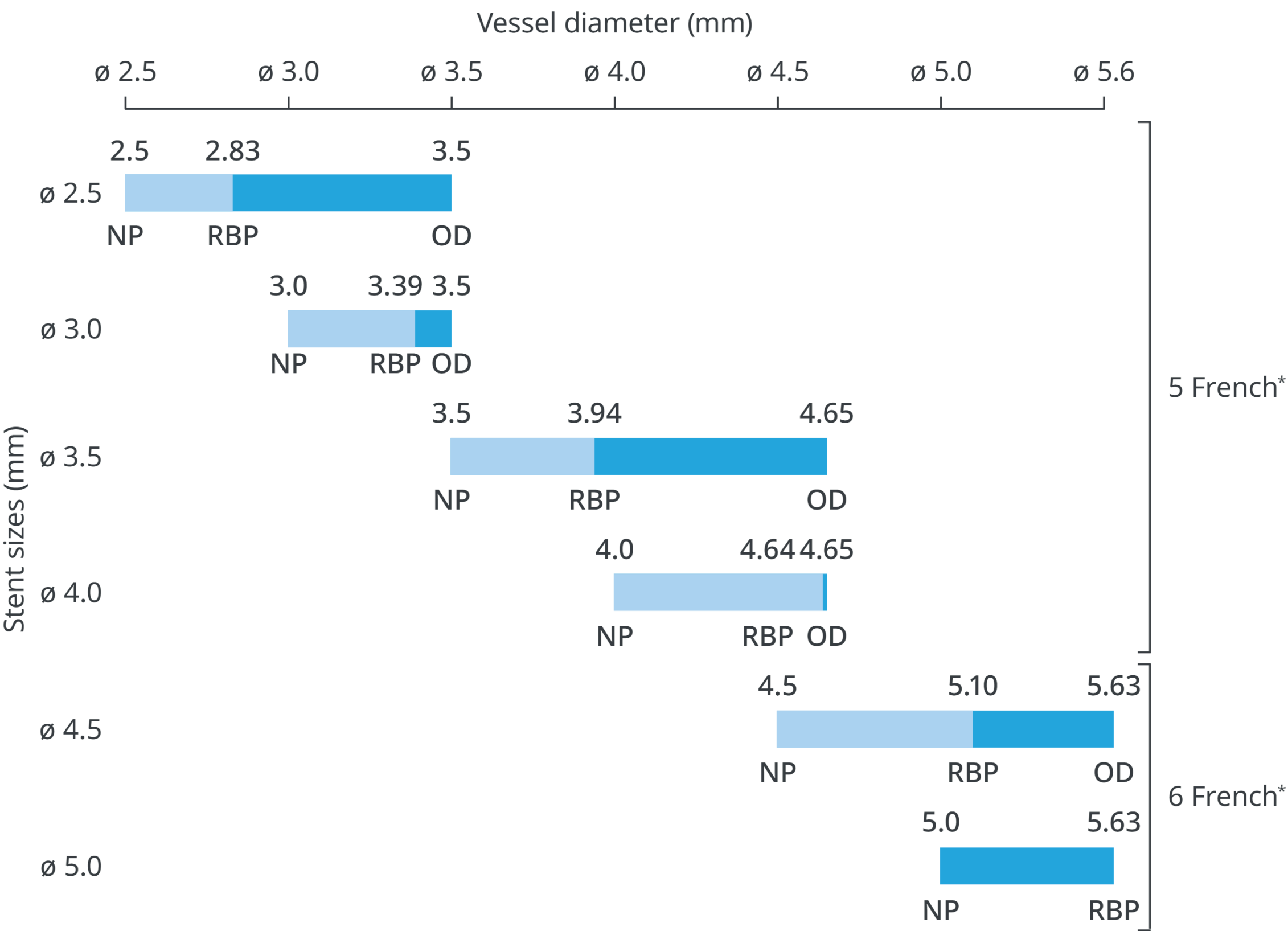
Covered single stent design

Unique manufacturing method allows for an ultra thin membrane capable of sealing vessel perforations¹ and achieve a true covered single stent design¹. Expect a high performing platform with an ultra thin membrane to deliver like a conventional stent.¹



PK Papyrus™
Single stent design

Overexpansion diameters



NP: Nominal Pressure; RBP: Rated Burst Pressure; OD: Overexpansion Diameter.
Balloon exchange required.
*Guide Catheter Compatibility

The elastic membrane does not impair stent expansion.¹



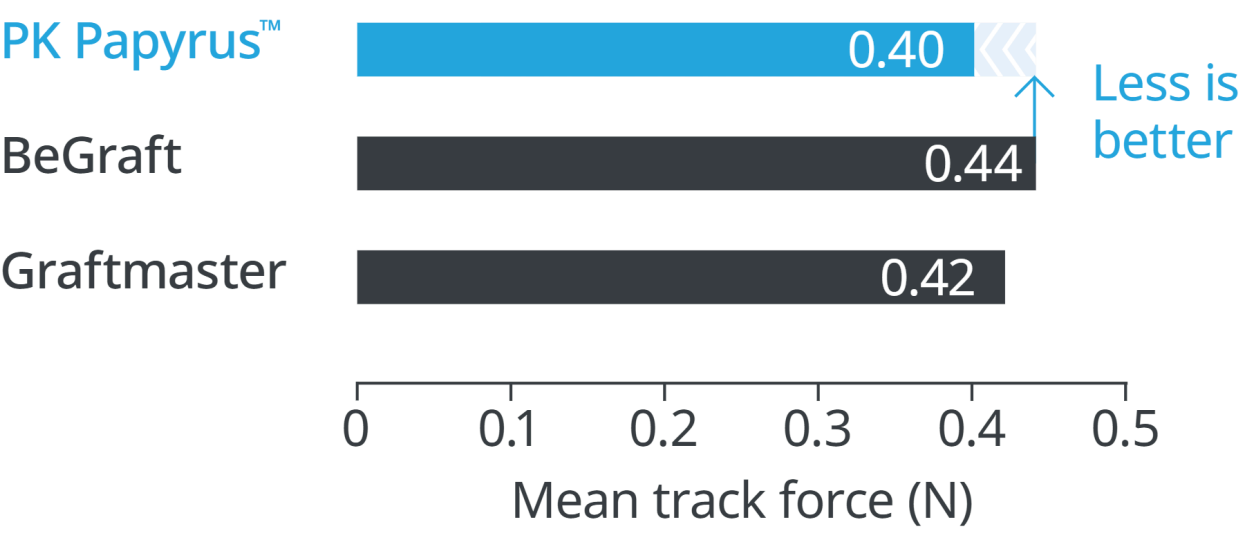


Exceptional deliverability^{e,1,3}

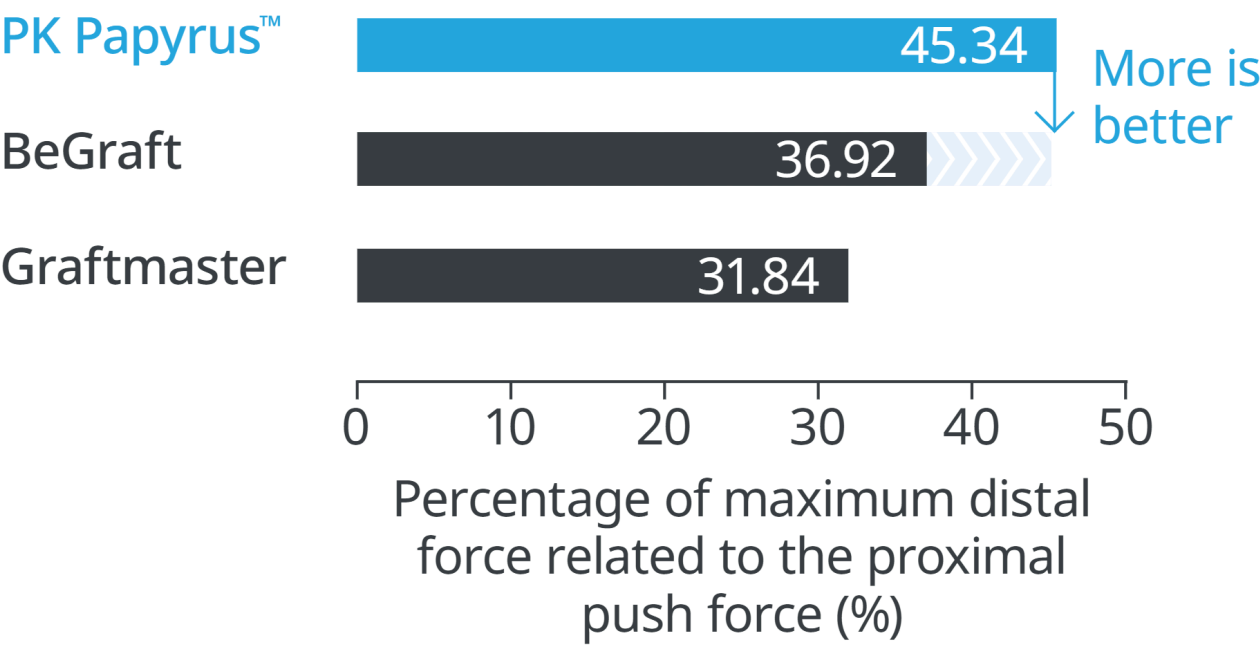
Consistently high stent delivery success^{f,3-7}

PK Papyrus™ is associated with reliable delivery (97.7 % stent delivery success) and successful sealing (92.1 %), favored by its unique design.⁷

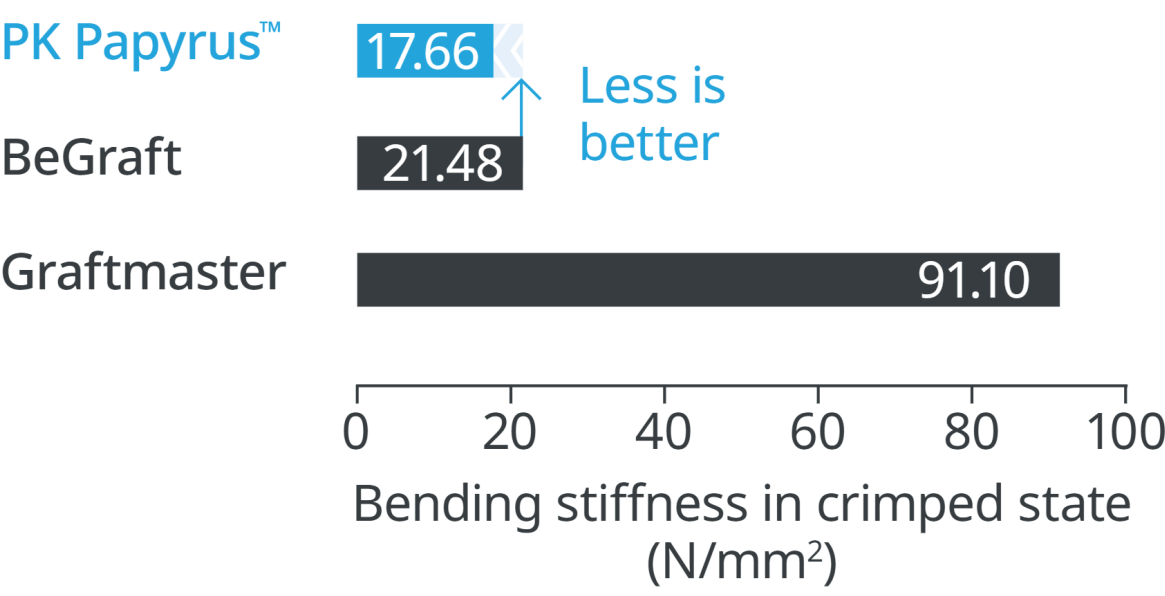
Trackability



Pushability



Flexibility in crimped state

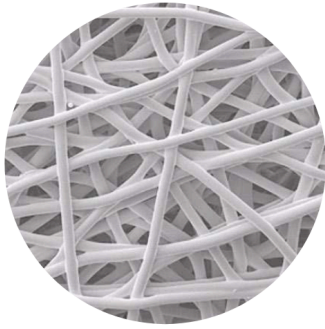


Device technology

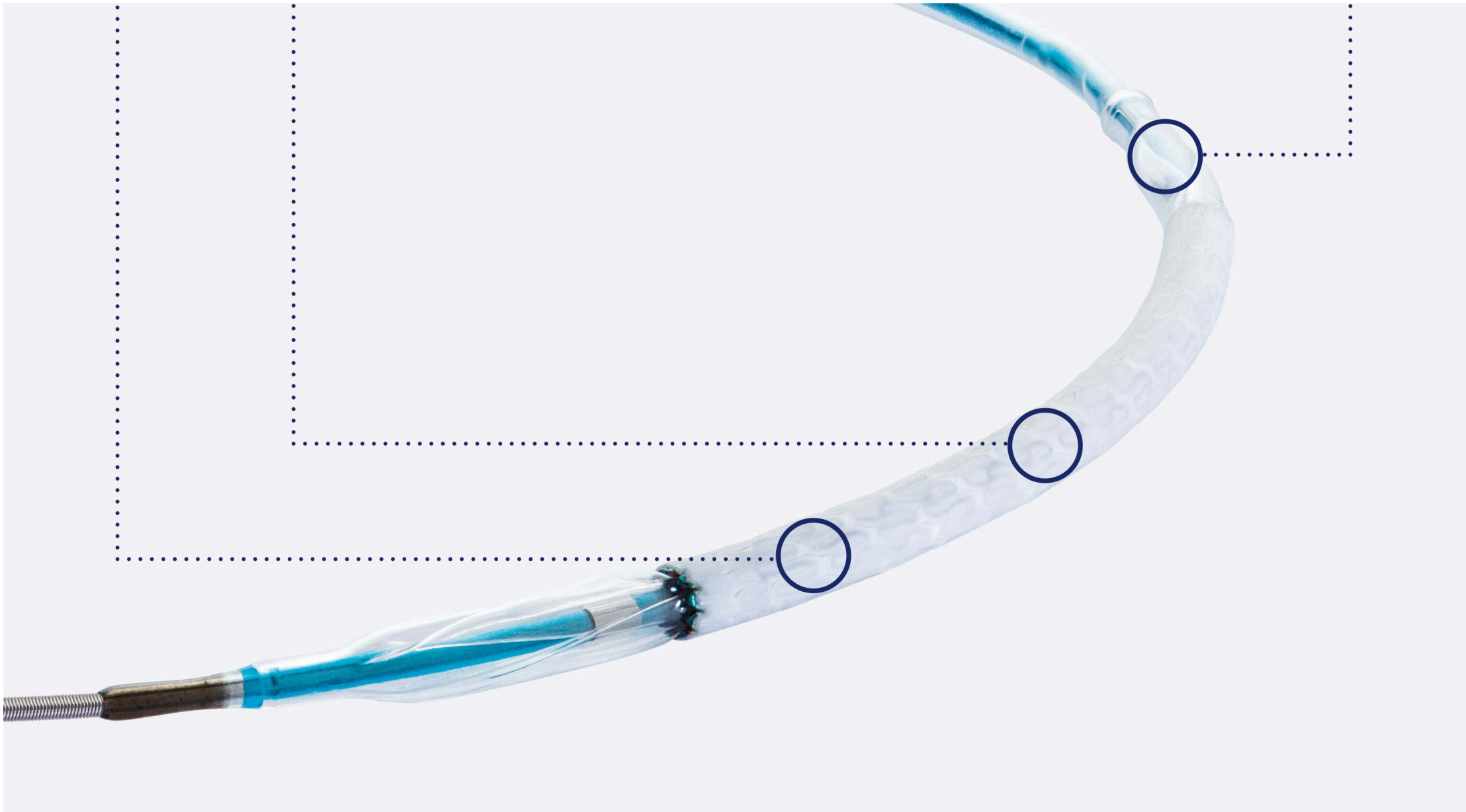
Low crossing profile¹
23 % reduction in crossing profile compared to the traditional sandwich design stent.¹⁹

PK Papyrus™ features a design with exceptional deliverability^{e,1}, built on the same Orsiro™ Mission™ stent platform^{h,1}, one of the most studied drug-eluting stents¹⁸.

Cover material
Highly elastic polyurethane (PU) membrane.¹



Polyurethane fibers (2000×)



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.ⁱ

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		CATHETER LENGTH 140 CM; STENT LENGTH		
		15 mm	20 mm	26 mm
5F	2.5 mm	369380	369386	–
	3.0 mm	369381	369387	381789
	3.5 mm	369382	369388	381790
	4.0 mm	369383	369389	381791
6F	4.5 mm	369384	369390	369392
	5.0 mm	369385	369391	369393

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^aMore clinical studies including larger number of patients reporting clinical outcomes with longer follow-up time than BeGraft Coronary Stent Graft System; ^bIn 93.7 % of coronary artery perforation cases; ^cBased on the clinical experience of the PK Papyrus covered stent in patients with coronary artery perforations: results from the multi-center humanitarian device exemption survey. Cardiovascular Revascularization Medicine. 2021; ^dHumanitarian Device Exemption; ^eCompared to Jostent Graftmaster; ^fBased on over a 1,000 patients treated with PK Papyrus covered coronary stent system, Clinical program as of July 2022 Data on file; ^gIn crimped state; ^hBased on up to 4.0 diameter; ⁱIndication as per IFU.

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