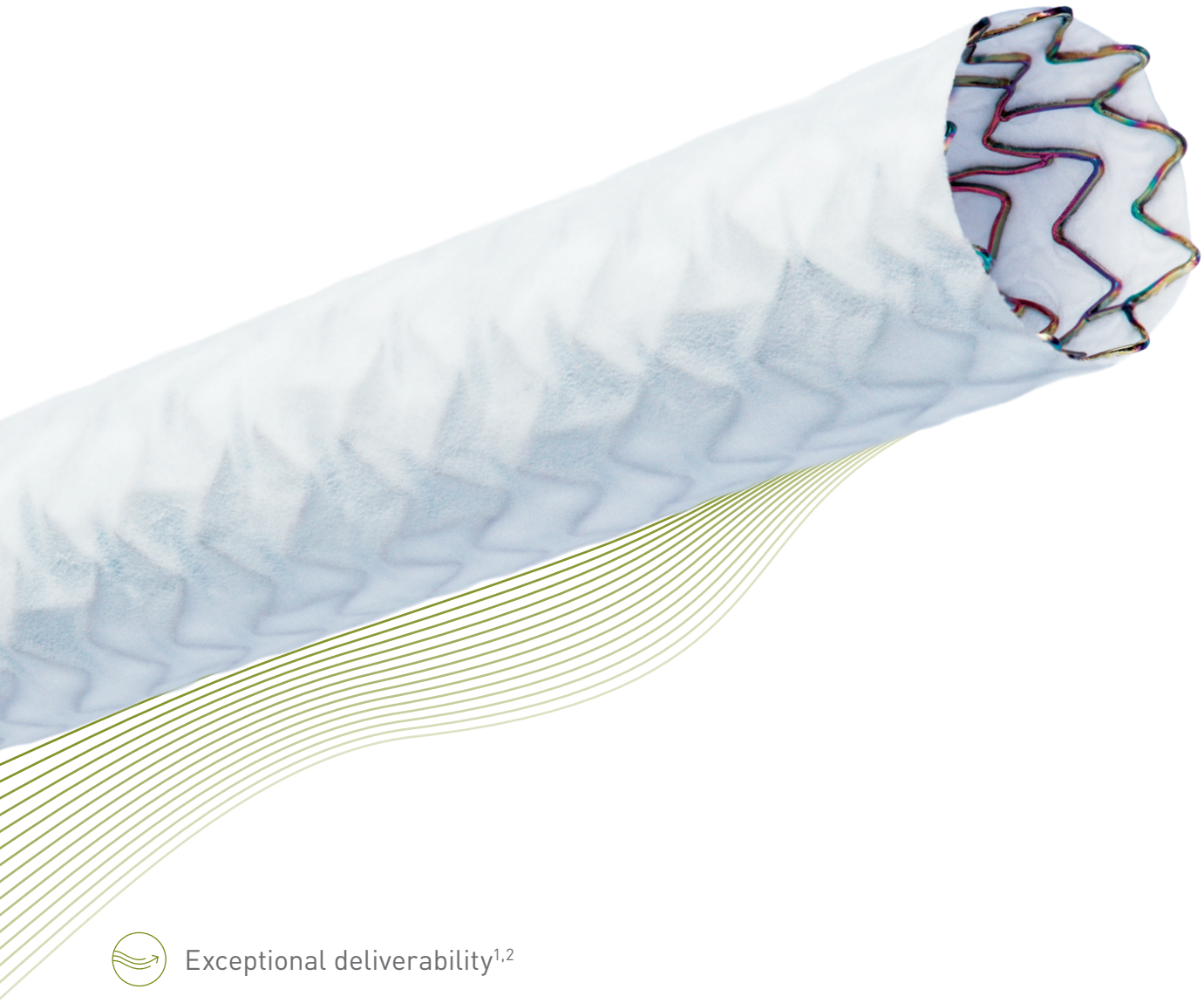
Vascular Intervention // Coronary
Covered Coronary Stent System

PK Papyrus



- Exceptional deliverability[1,2]
- Covered single stent design
- Designed to save lives when seconds count[3]

Humanitarian Device. Authorized by Federal law for use in the treatment of acute perforations of native coronary arteries and coronary bypass grafts in vessels 2.5 to 5.0 mm in diameter. The effectiveness of this device for this use has not been demonstrated.

BIOTRONIK
excellence for life

PK Papyrus

Designed to deliver more like a conventional stent[1, 2]

Superior design for exceptional deliverability[1,2]

Lowest crossing profile[1]

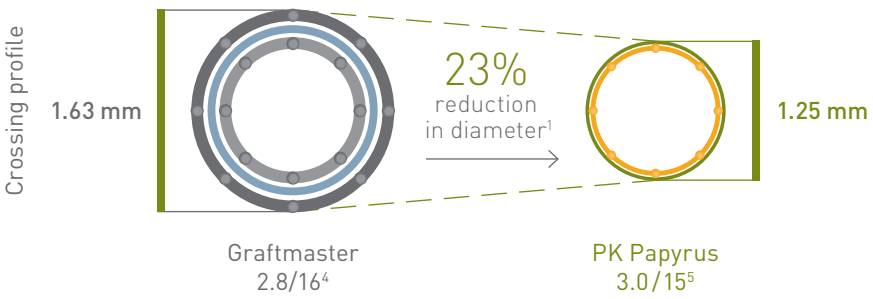
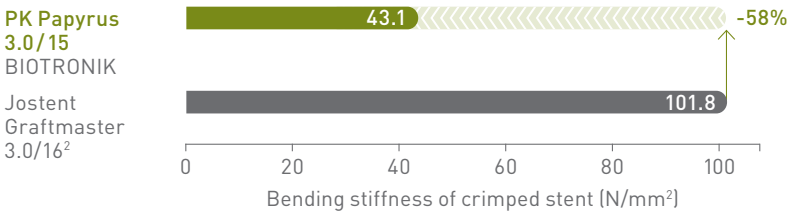


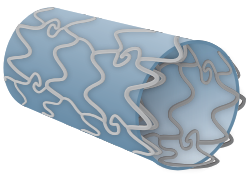
Illustration depicts crimped devices prior to inflation

Superior flexibility[2]

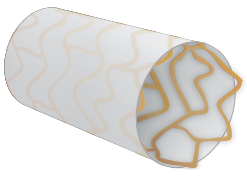


Covered single stent design

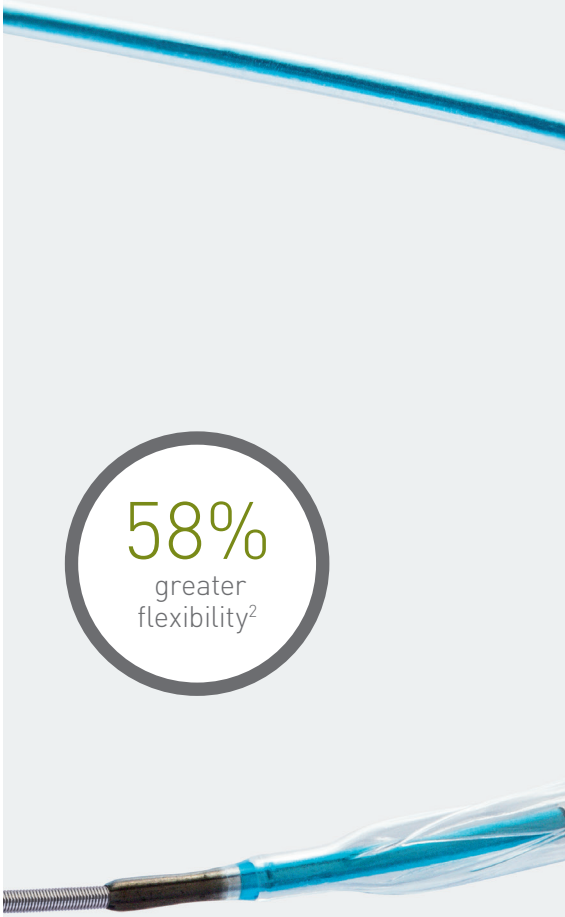
- BIOTRONIK's ultrathin strut stent platform (Cobalt Chromium).
- Highly elastic membrane capable of sealing coronary artery perforations.[6]

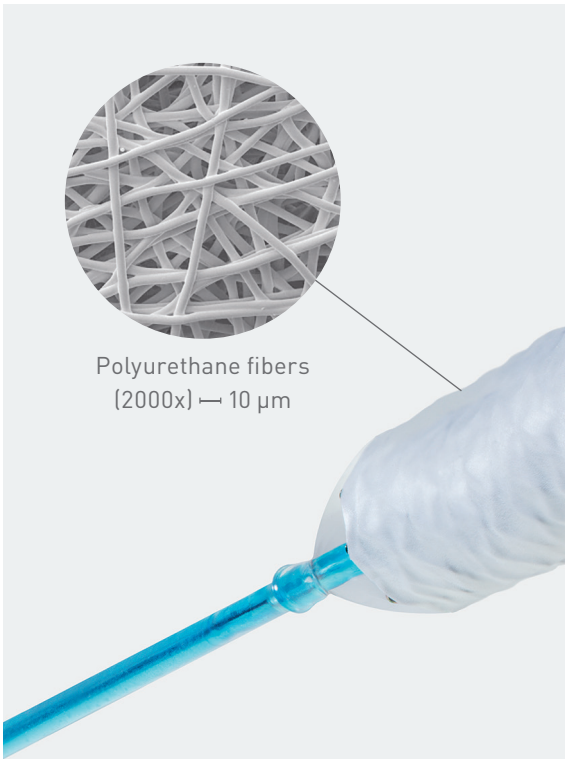


Jostent Graftmaster
Traditional sandwich stent design



PK Papyrus
Covered single stent design





The only
5F
compatibility*

47%
less time to deliver[6]

Time to expand your options with **PK Papyrus**

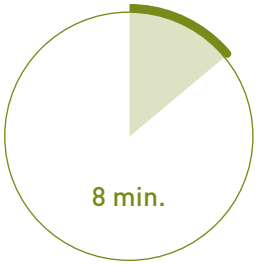
Broadest range of sizes on the US market[7]

- The only 5F compatible* coronary covered stent with the broadest range of sizes.[7] For main sizes – no need for guide catheter upgrade.*
- First FDA approved 2.5 mm diameter.

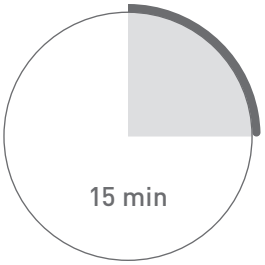
Designed to save lives when seconds count[3]

Shorter time to deliver[6]

Single center, retrospective investigation of 61 patients treated with covered coronary stents.[8]



PK Papyrus
n = 22



Jostent Graftmaster
n = 39

Median time to deliver (p=0.001)

*5F compatible for ø 2.5-4.0 mm; 6F compatible for ø 4.5-5.0 mm

PK Papyrus

Vascular Intervention Coronary

Indicated for the treatment of acute perforations of native coronary arteries and coronary bypass grafts in vessels 2.5 to 5.0 mm in diameter*

Technical Data

Stent	
Stent cover material	Non-woven, electrospun polyurethane
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

Compliance Chart

	Inflation pressure	Stent inner diameter (mm)					
	atm	2.5	3.0	3.5	4.0	4.5	5.0
Nominal pressure (NP)	7	-	-	-	4.01	4.55	4.93
Nominal pressure (NP)	8	2.52	2.99	3.53	4.14	4.69	5.09
	9	2.59	3.07	3.63	4.26	4.82	5.23
	10	2.65	3.15	3.71	4.35	4.91	5.34
	11	2.70	3.21	3.77	4.43	4.99	5.43
	12	2.74	3.26	3.82	4.49	5.06	5.50
	13	2.77	3.30	3.86	4.54	5.11	5.56
Rated burst pressure (RBP)	14	2.80	3.34	3.90	4.59	5.16	5.61
	15	2.83	3.37	3.93	4.63	-	-
Rated burst pressure (RBP)	16	2.86	3.40	3.96	4.67	-	-

Ordering Information

	Stent ø (mm)	Catheter length 140 cm Stent length (mm)		
		15	20	26
5F	2.5	434887	434893	-
5F	3.0	434888	434894	434899
5F	3.5	434889	434895	434900
5F	4.0	434890	434896	434901
6F	4.5	434891	434897	434902
6F	5.0	434892	434898	434903

1. Compared to Graftmaster 2.8 /16 (BIOTRONIK data on file); 2. Compared to Jostent Graftmaster 3.0/16 (BIOTRONIK data on file); 3. Broad range of sizes available on the US market; 4. Data obtained from Graftmaster Coronary Stent Graft System Brochure 11/13/12; 5. PK Papyrus 3.0/15: (BIOTRONIK data on file); 6. Hernandez-Enriquez M, 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; 7. Compared to Graftmaster based on the broader range of sizes available on the US market ; 8. Population is representative of real world interventional practice and was not a randomized prospective clinical trial.

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*Indication as per IFU.

Information on devices manufactured at companies other than BIOTRONIK was gathered from multiple sources. However, it has not been verified by the vendors and we cannot guarantee its accuracy.

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