



Vascular Intervention

Coronary Stents

PRO-Kinetic

PRO-Kinetic Cobalt Chromium Coronary Stent System

Power and Performance by Design



Rediscovering an era...

The combination of the Cobalt Chromium, ingenious stent design and PROBIO® coating technology allows us to surpass expectations of today. Trust in a safe and effective device with PRO-Kinetic.



...with a high performing stent.

Conformability

Superalloy Cobalt Chromium L-605 with less than 10 % Nickel content in combination with the double-helix design ensures excellent vessel support with thin struts while providing optimal visibility.

Superb Flexibility and Deliverability

Low strut thickness of only 60 micron (0.0024")¹ results in exceptional flexibility and deliverability of the stent, even in the most challenging anatomy.

¹ 2.0 - 3.0 mm stents

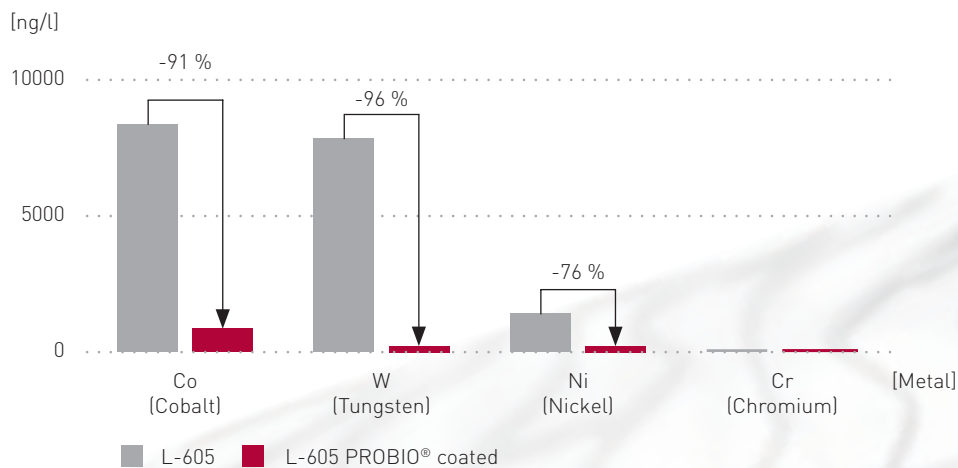
Power and Performance...

Excellent Biocompatibility



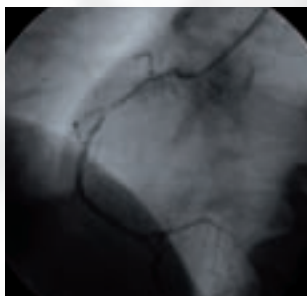
PROBIO® coating as an effective and reliable barrier to Nickel and other metal-ion diffusion; improving haemocompatibility and encouraging endothelialization².

Reduced Ion Release from Stent Surface³



Pre-Intervention

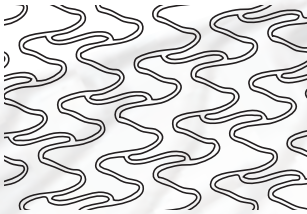
Post-Intervention



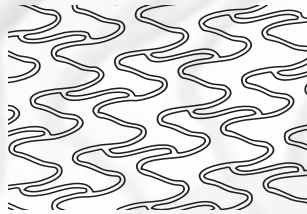
...by Design

Optimal Scaffolding and Side Branch Access

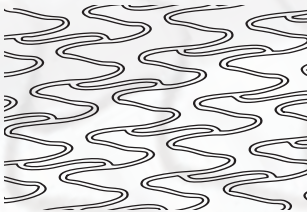
By creating a specific design, side branch access is not compromised for small, medium or large arteries.



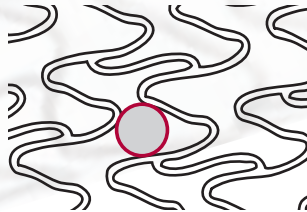
Sizes 2.0, 2.25, 2.5, 2.75, 3.0 mm



Sizes 3.5 and 4.0 mm



Sizes 4.5 and 5.0 mm

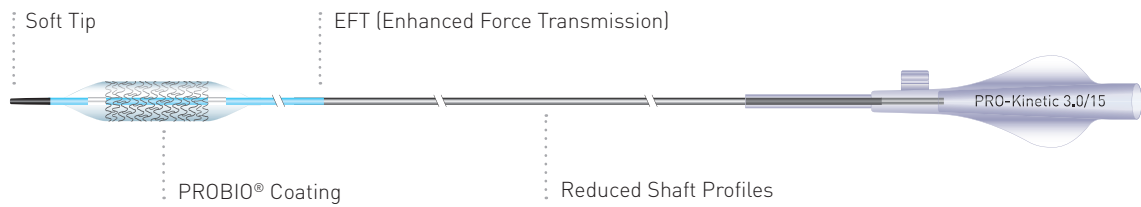


Maximum unprotected area
for 3.0 mm diameter is 0.82 mm

² W. Van Oeveren; Progress in Biomedical Research 1999, 4:78-83.

³ Based on data on file at BIOTRONIK.

Specifications



Technical Data

Stent	
Stent material	Cobalt Chromium, L-605
Coating	PROBIO®
Strut thickness	2.0 - 3.0 mm 60 µm (0.0024")
	3.5 - 4.0 mm 80 µm (0.0031")
	4.5 - 5.0 mm 120 µm (0.0047")
Foreshortening	Minimal
Delivery System – Rapid Exchange	
Shaft/balloon material	SCP (Semi Crystalline Polymer) material
Coating (distal shaft)	Hydroglide (hydrophilic coating)
Guide wire diameter	0.014"
Usable catheter length	140 cm
Shaft Diameter	Proximal 2.0 F
	Distal 2.0 - 3.5 mm: 2.6 F / 4.0 - 5.0 mm: 2.8 F
Nominal pressure	2.0 - 2.5 mm: 8 bar / 2.75 - 5.0 mm: 10 bar
Rated burst pressure	16 bar
Balloon overhang	Minimal

Product Ordering Information

Stent Diameter (mm)	Stent Length (mm)				
	8	10	13	15	18
2.0	352348	352355	352362	352371	352380
2.25	352349	352356	352363	352372	352381
2.5	352350	352357	352364	352373	352382
2.75	352351	352358	352365	352374	352383
3.0	352352	352359	352366	352375	352384
3.5	352353	352360	352367	352376	352385
4.0	352354	352361	352368	352377	352386
4.5	-	-	352369	352378	352387
5.0	-	-	352370	352379	352388

Stent Diameter (mm)	Stent Length (mm)			
	20	22	30	40
2.0	352389	-	-	-
2.25	352390	-	-	-
2.5	352391	352398	-	-
2.75	352392	352399	-	-
3.0	352393	352400	352403	-
3.5	352394	352401	352404	-
4.0	352395	352402	352405	-
4.5	352396	-	352406	352408
5.0	352397	-	352407	352409

PRO-Kinetic - Power and Performance by Design

- PRO-Kinetic is the most deliverable stent on the market, as a result of the flexible superalloy Cobalt Chromium stent and a high performance delivery system.
- Improved angiographic and clinical results are obtained with the thinnest struts on the market.
- Increased haemocompatibility and endothelialization due to the PROBIO® coating.



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