

# SAPPHIRE<sup>®</sup> II PRO 1.0 mm - 1.5 mm

Coronary Dilatation Catheter

## Cross with Confidence Every Time

Redefining the standard for crossing chronic total occlusions

Single-component **Sub-Zero tapered** tip, tailored for the smaller catheter size

**Durable** balloon material and **higher RBP** for resistant CTO lesions

1.0 mm  
for Complex  
CTO lesions

Increased inner body wall thickness to **reduce guidewire friction**

Single marker band and improved balloon folding for a **low crossing profile**

Spiral-cut hypotube transition zone to reduce kinking and maintain **excellent force transmission**

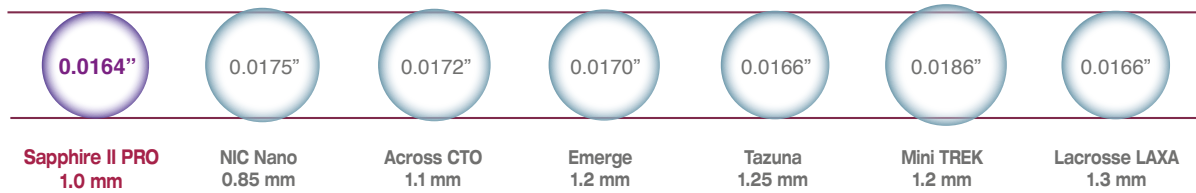
### Technical Specifications

Proximal Shaft Diameter	1.9F	Tip Entry Profile	0.016"
Distal Shaft Diameter	2.36F	Marker Bands	1 marker band (centered)
Leading Tip Length	1.5 mm	Coating	Hydro-X (distal tip to guidewire exit port); Invio™ (guidewire lumen)
Balloon Material	Nylon	Crossing Profile	0.0216" (Ø 1.0 mm)
Balloon Pleats	2-fold (Ø 1.0 mm); 3-fold (Ø 1.25-1.5 mm)	Nominal Pressure	6 atm
Compliance	Semi-compliant	Rated Burst Pressure	16 atm

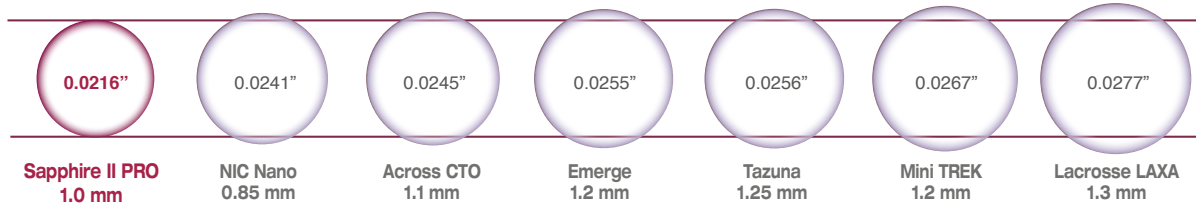
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## Tip Entry Comparison\*



## Crossing Profile Comparison\*



\*Data on file, scale depictions

## Ordering Information

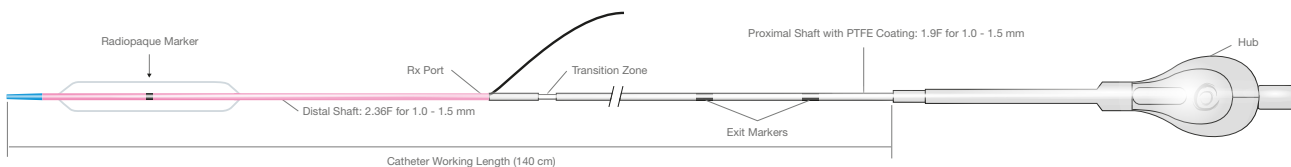
Balloon Diameter (mm)	Balloon Working Length (mm)					
	5	8	10	12	15	20
1.0	210-053-5U	210-083-5U	210-103-5U	—	210-153-5U	—
1.25	212-053-5U	212-083-5U	212-103-5U	—	212-153-5U	—
1.5	—	—	215-103-5U	215-123-5U	215-153-5U	215-203-5U

## Compliance Chart

Pressure (atm)	Balloon Diameter (mm)		
	1.0	1.25	1.5
2	0.94	1.18	1.42
4	0.97	1.22	1.46
6 NOM*	1.00	1.25	1.50
8	1.03	1.28	1.54
10	1.06	1.32	1.58
12	1.09	1.35	1.62
14	1.12	1.38	1.66
16 RBP**	1.15	1.42	1.70
18	1.18	1.45	1.74
20	1.21	1.48	1.78
22	1.24	1.52	1.82

\* Nominal Pressure. The nominal in-vitro device specifications do not take into account any lesion resistance.

\*\* Rated Burst Pressure. Do not exceed RBP.



For more information please visit our website at [www.OrbusNeich.com](http://www.OrbusNeich.com) or contact us:

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The Sapphire II PRO product is now approved in the USA and distributed with USA specific catalog numbers.

G-70-0532 Rev03

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