

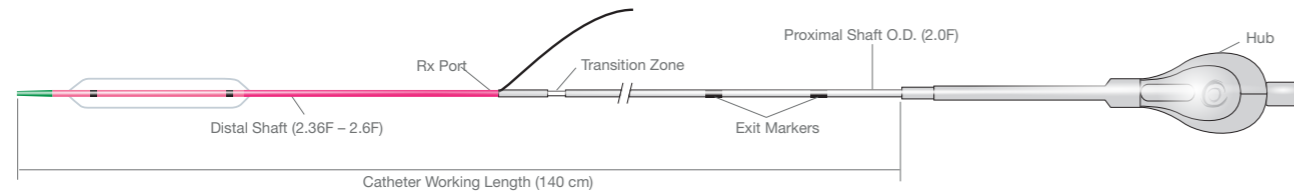
Ordering Information

Balloon Diameter (mm)	Balloon Working Length (mm)				
	8	10	12	15	18
1.75	117-1708J	117-1710J	117-1712J	117-1715J	117-1718J
2.0	117-2008J	117-2010J	117-2012J	117-2015J	117-2018J
2.25	117-2208J	117-2210J	117-2212J	117-2215J	117-2218J
2.5	117-2508J	117-2510J	117-2512J	117-2515J	117-2518J
2.75	117-2708J	117-2710J	117-2712J	117-2715J	117-2718J
3.0	117-3008J	117-3010J	117-3012J	117-3015J	117-3018J
3.25	117-3208J	117-3210J	117-3212J	117-3215J	117-3218J
3.5	117-3508J	117-3510J	117-3512J	117-3515J	117-3518J
3.75	117-3708J	117-3710J	117-3712J	117-3715J	117-3718J
4.0	117-4008J	117-4010J	117-4012J	117-4015J	117-4018J
4.5	117-4508J	117-4510J	117-4512J	117-4515J	117-4518J
5.0	117-5008J	117-5010J	117-5012J	117-5015J	117-5018J

Compliance Chart

Pressure atm (kPa)	Balloon Diameter (mm)											
	1.75	2.0	2.25	2.5	2.75	3.0	3.25	3.5	3.75	4.0	4.5	5.0
6 (608)	1.68	1.90	2.14	2.40	2.61	2.86	3.10	3.33	3.54	3.79	4.26	4.70
8 (811)	1.70	1.93	2.17	2.44	2.66	2.91	3.15	3.39	3.61	3.86	4.34	4.80
10 (1013)	1.73	1.97	2.21	2.47	2.70	2.95	3.20	3.44	3.68	3.93	4.42	4.90
<b>NOM* 12 (1216)</b>	<b>1.75</b>	<b>2.00</b>	<b>2.25</b>	<b>2.50</b>	<b>2.75</b>	<b>3.00</b>	<b>3.25</b>	<b>3.50</b>	<b>3.75</b>	<b>4.00</b>	<b>4.50</b>	<b>5.00</b>
14 (1419)	1.77	2.03	2.29	2.53	2.80	3.05	3.30	3.56	3.82	4.07	4.58	5.10
16 (1621)	1.80	2.07	2.33	2.56	2.84	3.09	3.35	3.61	3.89	4.14	4.66	5.20
<b>RBP** 18 (1824)</b>	1.82	2.10	2.36	2.60	2.89	3.14	3.40	3.67	3.96	4.21	<b>4.74</b>	<b>5.30</b>
<b>RBP** 20 (2027)</b>	<b>1.84</b>	<b>2.13</b>	<b>2.40</b>	<b>2.63</b>	<b>2.93</b>	<b>3.18</b>	<b>3.45</b>	<b>3.72</b>	<b>4.03</b>	<b>4.27</b>	4.82	5.40
22 (2229)	1.87	2.16	2.44	2.66	2.98	3.23	3.50	3.78	4.10	4.34	4.90	5.49
24 (2432)	1.89	2.20	2.48	2.69	3.02	3.27	3.55	3.83	4.17	4.41	4.98	5.59
26 (2634)	1.92	2.23	2.51	2.72	3.07	3.32	3.59	3.89	4.24	4.48	5.06	5.69

\* 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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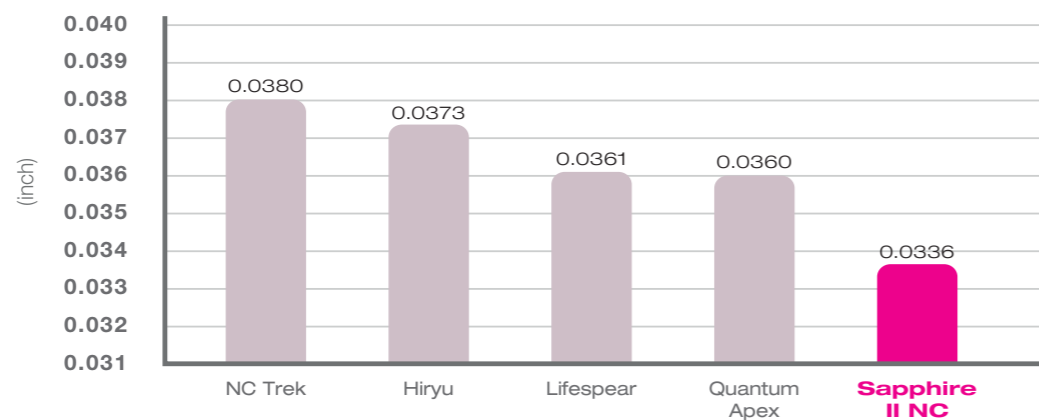


True Controlled Compliance and  
Ultimate Crossability for a  
**Wide Spectrum of Vessels**

## Ultimate Crossability and Tip Entry Profile

**Sapphire II NC Coronary Dilatation Catheter** is a well-balanced and truly non-compliant balloon catheter engineered to cross tight and calcified lesions.

### Crossing Profile Comparison

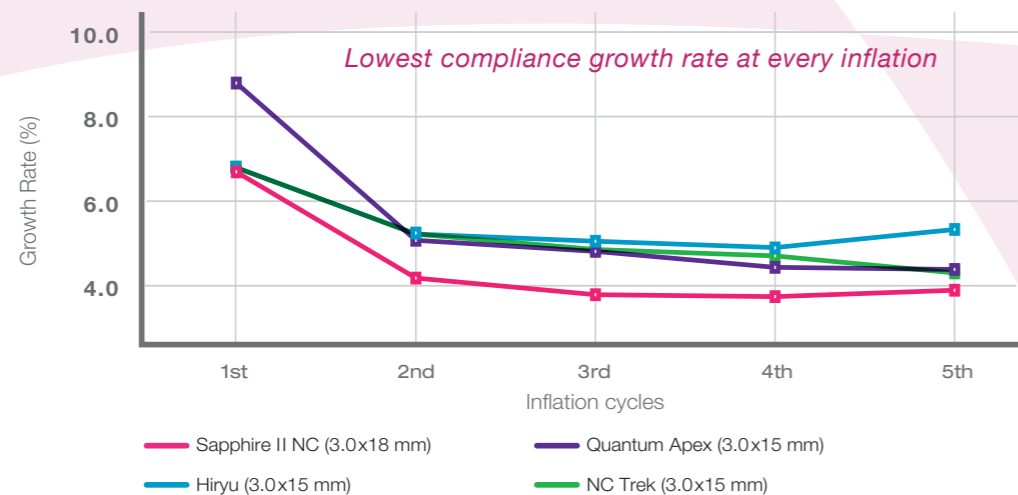


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## True Controlled Compliance

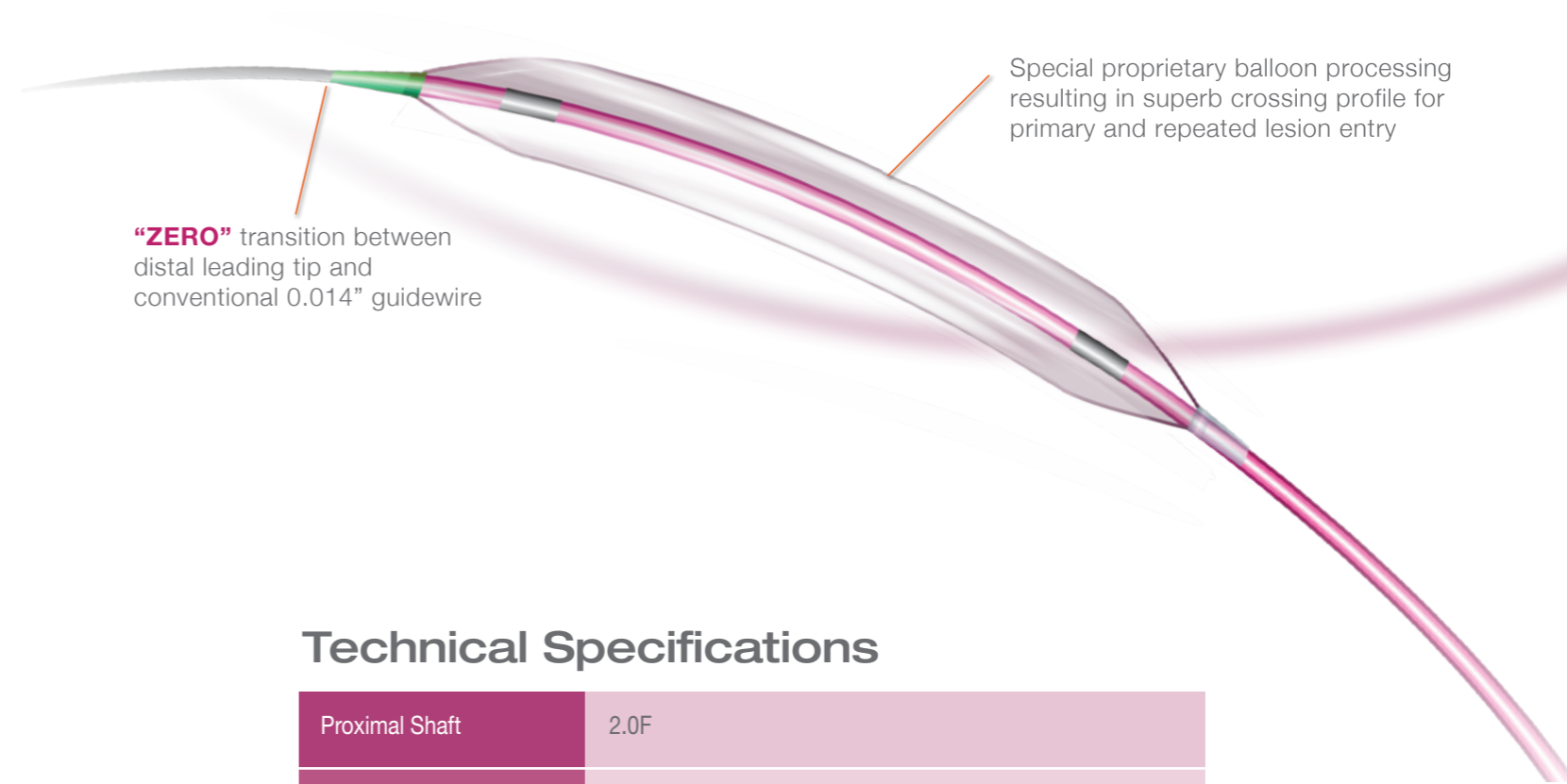
True non-compliance and minimal **overstretch for reliability** and size accuracy. Sapphire NC **brings** advanced material **engineering for** optimum reliability and deliverability.

### Compliance Comparison from Nominal Pressure to RBP



Data on file.

**Enhanced distal Z-Tip** with advanced laser welding technology for “ZERO” transition with conventional steerable guidewires



### Technical Specifications

Proximal Shaft	2.0F
Distal Shaft	2.36F (1.75 - 2.0 mm); 2.55F (2.25 - 3.5 mm) 2.6F (3.75 - 5.0 mm)
Catheter Working Length	140 cm
Tip Length	1.5 mm tip for Ø 1.75 mm; 2.0 mm tip for Ø 2.0 - 3.0 mm 2.5 mm tip for Ø 3.25 - 5.0 mm
Marker Bands	2
Coating	Hydro-X (distal tip to guidewire exit port); Invio™ (guidewire lumen)
Nominal Pressure	12 atm
Rated Burst Pressure	20 atm (1.75 - 4.0 mm); 18 atm (4.5 - 5.0 mm)