

Ordering Information

NL Manufacturing Catalogue Numbers

Balloon Diameter (mm)	Balloon Working Length (mm)				
	10	12	15	20	30
1.5	215-103-6	215-123-6	215-153-6	215-203-6	-
1.75	217-103-6	-	217-153-6	217-203-6	-
2.0	220-103-6	220-123-6	220-153-6	220-203-6	-
2.25	222-103-6	-	222-153-6	222-203-6	-
2.5	225-103-6	225-123-6	225-153-6	225-203-6	225-303-6
2.75	227-103-6		227-153-6	227-203-6	-
3.0	230-103-6	230-123-6	230-153-6	230-203-6	230-303-6
3.25	232-103-6	-	232-153-6	232-203-6	-
3.5	235-103-6	-	235-153-6	235-203-6	235-303-6
4.0	240-103-6	-	240-153-6	240-203-6	-



Compliance Chart

Pressure (atm)	Balloon Diameter (mm)									
	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.5	4.00
2	1.42	1.66	1.87	2.11	2.36	2.59	2.82	3.06	3.29	3.77
4	1.46	1.70	1.94	2.18	2.43	2.67	2.91	3.16	3.39	3.89
6 (NOM)	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	4.00
8	1.54	1.80	2.06	2.32	2.57	2.83	3.09	3.34	3.61	4.11
10	1.58	1.84	2.13	2.39	2.64	2.91	3.18	3.44	3.71	4.23
12	1.62	1.89	2.19	2.45	2.71	2.98	3.27	3.53	3.82	4.34
14 (RBP)	1.66	1.94	2.25	2.52	2.78	3.06	3.36	3.62	3.92	4.45
16 (RBP)	1.70	1.98	2.32	2.59	2.85	3.14	3.45	3.72	4.03	4.57
18	1.74	2.03	2.38	2.66	2.92	3.22	3.54	3.81	4.14	4.68
20	1.78	-	-	-	-	-	-	-	-	-

* Nominal Pressure. The nominal in vitro device specifications do not take into account any lesion resistance.
** Rated Burst Pressure. Do not exceed RBP



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The Sapphire 3 product is now approved in the USA and distributed with USA specific catalog numbers.

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Supreme design for
Crossability and Deliverability

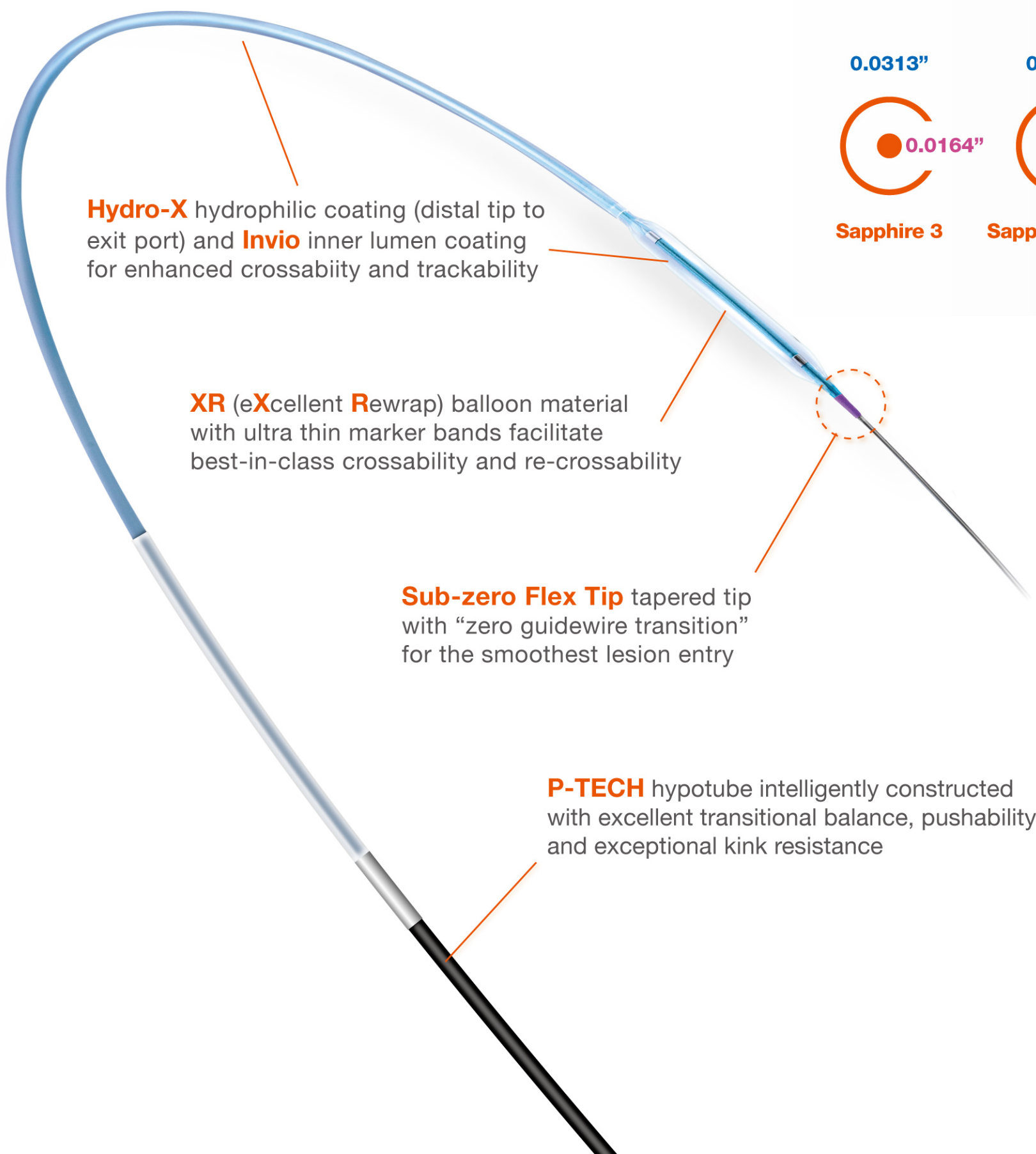


1.5 - 4.0 mm



Sapphire 3 is the ultimate workhorse balloon designed with balanced handling for supreme **Crossability** and **Deliverability**

The Most Competitive **Crossing** and **Tip Entry** Profile* (Ø 3.0 mm)

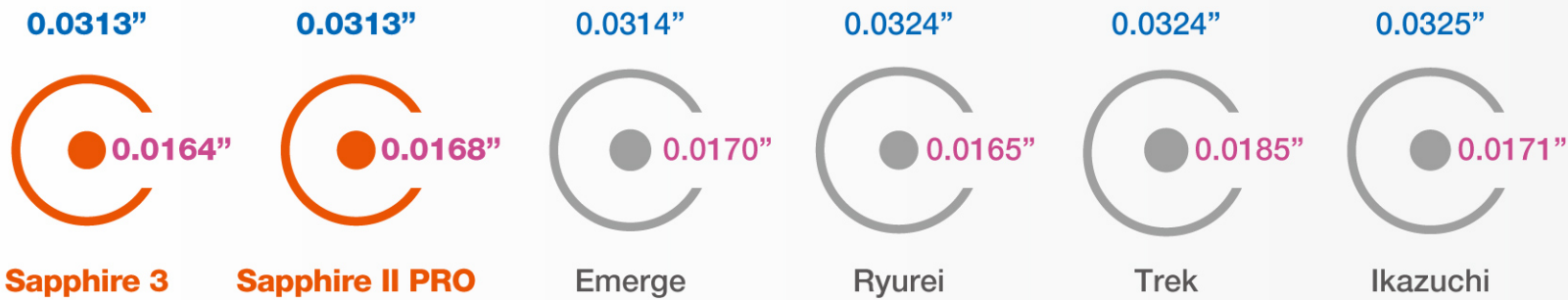


Hydro-X hydrophilic coating (distal tip to exit port) and **Invio** inner lumen coating for enhanced crossability and trackability

XR (e**X**cellent **R**ewrap) balloon material with ultra thin marker bands facilitate best-in-class crossability and re-crossability

Sub-zero Flex Tip tapered tip with “zero guidewire transition” for the smoothest lesion entry

P-TECH hypotube intelligently constructed with excellent transitional balance, pushability and exceptional kink resistance



* Data on file

Crossing is Everything

Technical Specifications

Proximal Shaft	1.9F (Ø1.5); 2.1F (Ø1.75-4.0)
Distal Shaft	2.36 - 2.7F (Ø1.5-4.0)
Catheter Working Length	140 cm
Tip Length	1.5 - 2.5 mm (Ø1.5-4.0)
Marker Band(s)	1 (Ø1.5); 2 (Ø1.75-4.0)
Guidewire Tracking Lumen	25 cm
Coating	• Hydrophilic (tip to guidewire exit port) • Hydrophobic (guidewire lumen)
Nominal Pressure (NOM)	6atm
Rated Burst Pressure (RBP)	16atm (Ø1.5); 14atm (Ø1.75-4.0)
Balloon Material	Nylon (Ø1.5); Pebax (Ø1.75-4.0)
Balloon Folds	3
Balloon Diameters (mm)	Ø1.5, 1.75, 2.0, 2.25, 2.5, 2.75, 3.0, 3.25, 3.5, 4.0
Balloon Lengths (mm)	10, 12, 15, 20, 30