

# Ordering Information

## FDA Approved Manufacturing Catalogue Numbers

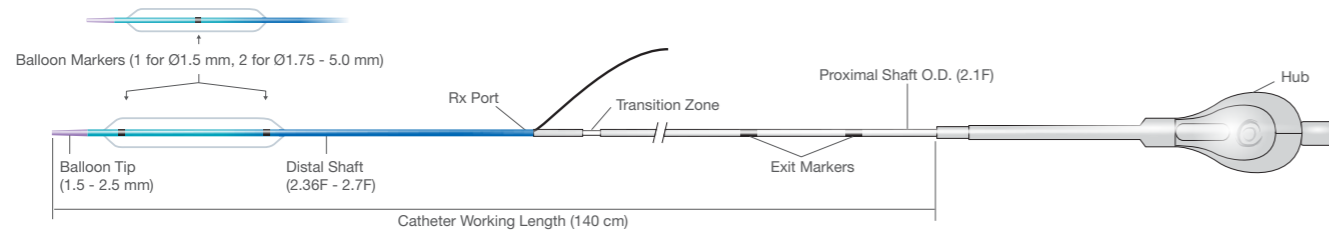
Balloon Diameter (mm)	Balloon Working Length (mm)						
	8	10	12	15	18	22	26
1.5	491500812	491501012	491501212	491501512	491501812	491502212	491502612
1.75	491750812	491751012	491751212	491751512	491751812	491752212	491752612
2.0	492000812	492001012	492001212	492001512	492001812	492002212	492002612
2.25	492250812	492251012	492251212	492251512	492251812	492252212	492252612
2.5	492500812	492501012	492501212	492501512	492501812	492502212	492502612
2.75	492750812	492751012	492751212	492751512	492751812	492752212	492752612
2.875	492870812	492871012	492871212	492871512	492871812	492872212	492872612
3.0	493000812	493001012	493001212	493001512	493001812	493002212	493002612
3.25	493250812	493251012	493251212	493251512	493251812	493252212	493252612
3.5	493500812	493501012	493501212	493501512	493501812	493502212	493502612
3.75	493750812	493751012	493751212	493751512	493751812	493752212	493752612
4.0	494000812	494001012	494001212	494001512	494001812	494002212	494002612
4.5	494500812	494501012	494501212	494501512	494501812	494502212	494502612
5.0	495000812	495001012	495001212	495001512	495001812	495002212	495002612

# NC SAPPHIRE<sup>®</sup> Coronary Dilatation Catheter 24

## Compliance Chart

Pressure (atm)	Balloon Diameter (mm)														
	1.50	1.75	2.0	2.25	2.5	2.75	2.875	3.0	3.25	3.5	3.75	4.0	4.5	5.0	
6	1.43	1.69	1.93	2.17	2.42	2.66	2.78	2.90	3.13	3.38	3.60	3.86	4.31	4.80	
8	1.45	1.70	1.95	2.19	2.44	2.68	2.80	2.93	3.16	3.41	3.64	3.90	4.36	4.85	
10	1.47	1.72	1.96	2.21	2.46	2.70	2.83	2.95	3.19	3.44	3.68	3.93	4.41	4.90	
12	1.48	1.73	1.98	2.23	2.48	2.73	2.85	2.98	3.22	3.47	3.71	3.97	4.45	4.95	
14 NOM*	1.50	1.75	2.00	2.25	2.50	2.75	2.875	3.00	3.25	3.50	3.75	4.00	4.50	5.00	
16	1.52	1.77	2.02	2.27	2.52	2.77	2.90	3.02	3.28	3.53	3.79	4.03	4.55	5.05	
18	1.53	1.78	2.04	2.29	2.54	2.80	2.92	3.05	3.31	3.56	3.82	4.07	4.59	5.10	
20 (RBP)**	1.55	1.80	2.05	2.31	2.56	2.82	2.95	3.07	3.34	3.59	3.86	4.10	4.64	5.15	
22 (RBP)**	1.57	1.81	2.07	2.33	2.58	2.84	2.97	3.10	3.37	3.62	3.90	4.14	4.69	5.20	
24 (RBP)**	1.58	1.83	2.09	2.35	2.60	2.86	2.99	3.12	3.40	3.65	3.93	4.17	4.73	5.25	
26	1.60	1.84	2.11	2.37	2.62	2.89	3.02	3.15	3.43	3.67	3.97	4.21	-	-	
28	1.62	1.86	2.12	2.39	2.64	2.91	3.04	3.17	3.46	3.70	-	-	-	-	

\*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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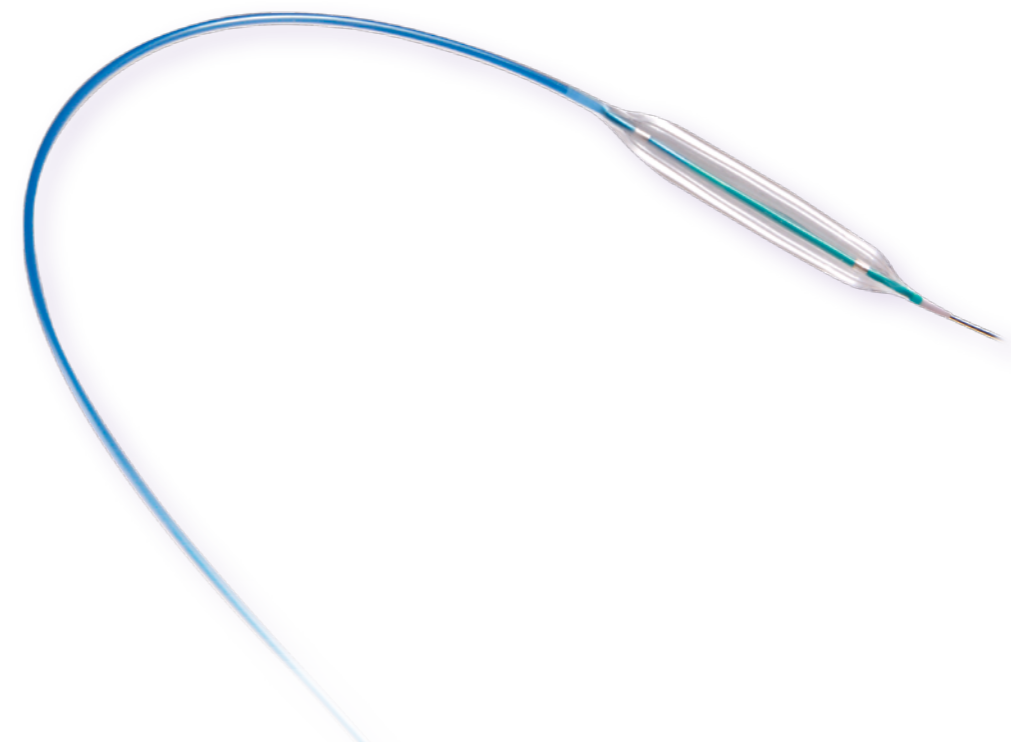
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Sapphire NC24 is approved for sale in the USA with USA specific catalog numbers.

G-70-2090 Rev01

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*Engineered for true controlled compliance,  
high pressure tolerance and re-crossability*



Introducing  
**24 atm RBP**



# Sapphire NC24 offers a complete balance for true controlled compliance, high pressure tolerance and re-crossability

**Controlled Balloon Compliance** for most accurate sizing and stent optimization

**RBP at 24 atm** for high pressure tolerance

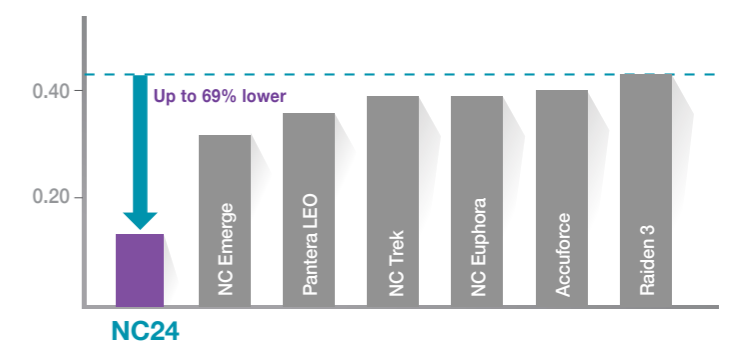
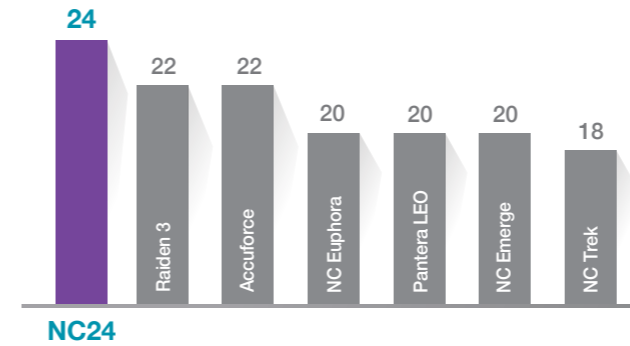
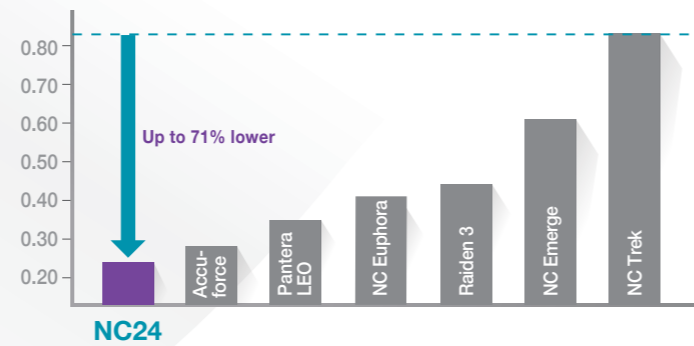
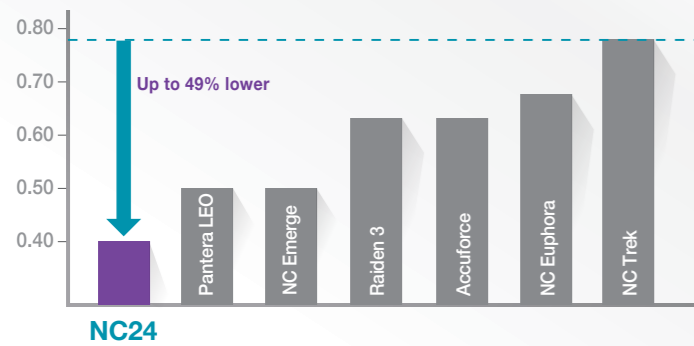
**Dog-bone Effect** (ex vivo)

Lowest % Circumferential Growth\* (Nom to RBP)

Lowest % Longitudinal Growth\* (Nom to RBP)

Rated Burst Pressure\* (atm)

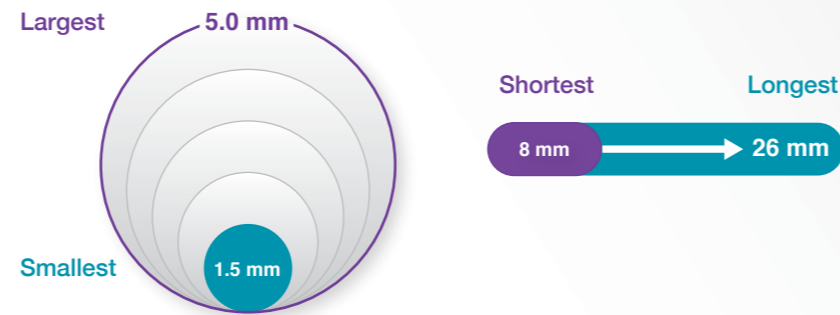
Balloon Diameter Variance (BDV) Index\*



\*Data on file based on Ø 3.0mm balloons

Broad range of balloon diameters and working lengths

New **1.5 mm** diameter and **22 mm & 26 mm** lengths for broader range of vessel treatment



## Technical Specifications

Proximal Shaft	2.1F
Distal Shaft	2.36 - 2.7F (Ø1.5 - 5.0 mm)
Catheter Working Length	140 cm
Tip Length	1.5 mm - 2.5 mm (Ø1.5 - 5.0 mm)
Marker Bands	1 (Ø1.5 mm), 2 (Ø1.75 - 5.0 mm)
Balloon Folds	3 (Ø1.5 - 3.0 mm), 5 (Ø3.25 - 5.0 mm)
Coating	<ul style="list-style-type: none"> <li>Hydrophilic (tip to guidewire exit port)</li> <li>Hydrophobic (guidewire lumen)</li> </ul>
Nominal Pressure	14 atm
Rated Burst Pressure	24 atm (Ø1.5 - 3.5 mm), 22 atm (Ø3.75 - 4.0 mm), 20 atm (Ø4.5 - 5.0 mm)

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



\* Data on file.