

# Ordering Information

## EU Manufacturing Catalogue Numbers

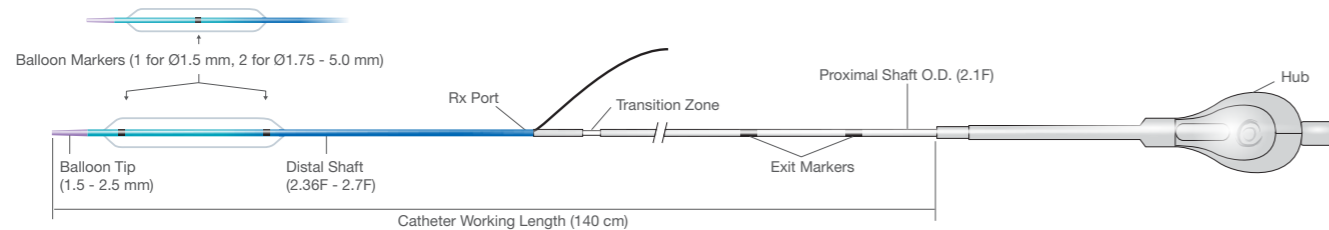
Balloon Diameter (mm)	Balloon Working Length (mm)						
	8	10	12	15	18	22	26
1.5	215-084-5	215-104-5	215-124-5	215-154-5	215-184-5	215-224-5	215-264-5
1.75	217-084-5	217-104-5	217-124-5	217-154-5	217-184-5	217-224-5	217-264-5
2.0	220-084-5	220-104-5	220-124-5	220-154-5	220-184-5	220-224-5	220-264-5
2.25	222-084-5	222-104-5	222-124-5	222-154-5	222-184-5	222-224-5	222-264-5
2.5	225-084-5	225-104-5	225-124-5	225-154-5	225-184-5	225-224-5	225-264-5
2.75	227-084-5	227-104-5	227-124-5	227-154-5	227-184-5	227-224-5	227-264-5
2.875	228-084-5	228-104-5	228-124-5	228-154-5	228-184-5	228-224-5	228-264-5
3.0	230-084-5	230-104-5	230-124-5	230-154-5	230-184-5	230-224-5	230-264-5
3.25	232-084-5	232-104-5	232-124-5	232-154-5	232-184-5	232-224-5	232-264-5
3.5	235-084-5	235-104-5	235-124-5	235-154-5	235-184-5	235-224-5	235-264-5
3.75	237-084-5	237-104-5	237-124-5	237-154-5	237-184-5	237-224-5	237-264-5
4.0	240-084-5	240-104-5	240-124-5	240-154-5	240-184-5	240-224-5	240-264-5
4.5	245-084-5	245-104-5	245-124-5	245-154-5	245-184-5	245-224-5	245-264-5
5.0	250-084-5	250-104-5	250-124-5	250-154-5	250-184-5	250-224-5	250-264-5

# 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



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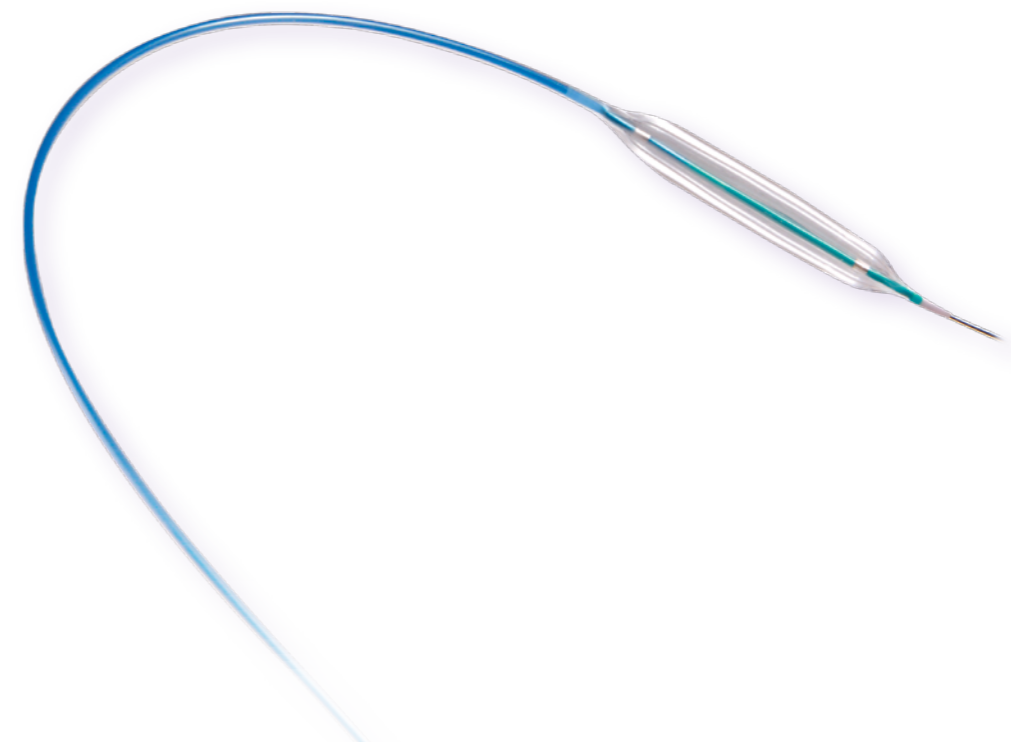
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 Sapphire NC24 is approved for sale in the USA with USA specific catalog numbers.

G-70-1069 Rev06

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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

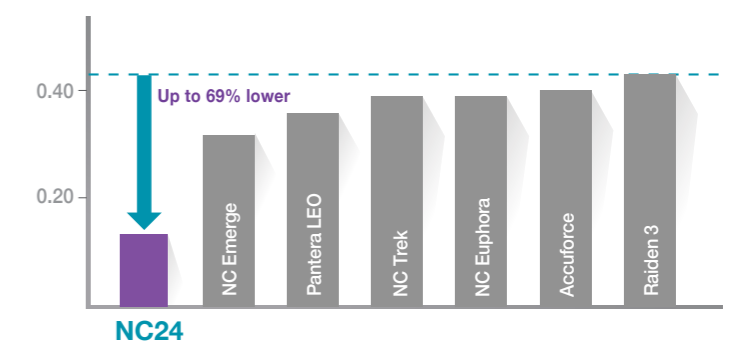
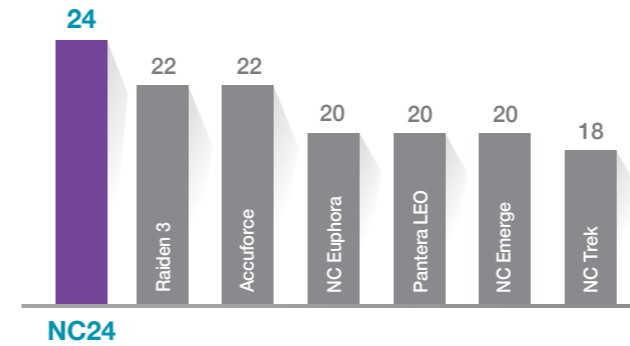
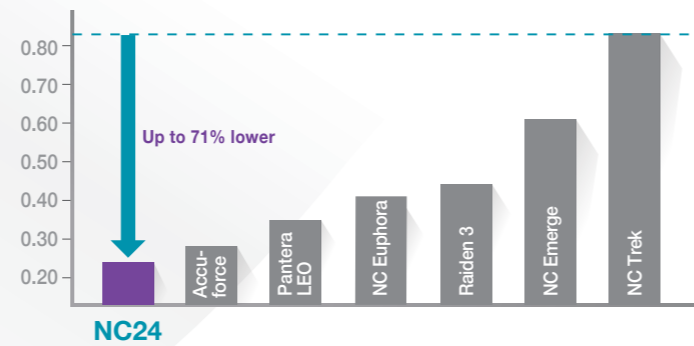
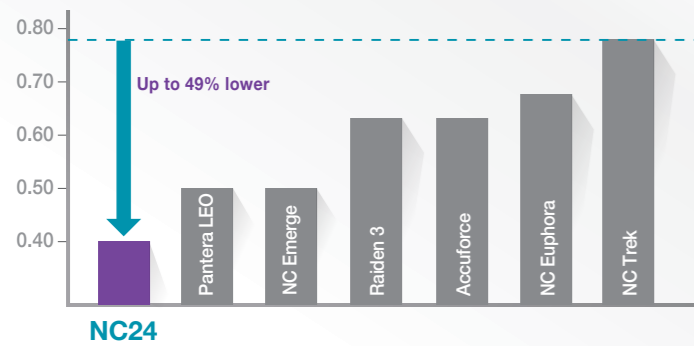
**Dog-bone Effect** (ex vivo)

Lowest % Circumferential Growth\* (Nom to RBP)

Lowest % Longitudinal Growth\* (Nom to RBP)

Rated Burst Pressure\* (atm)

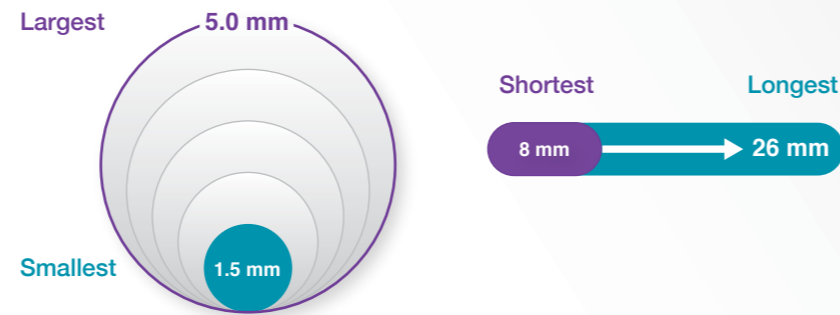
Balloon Diameter Variance (BDV) Index\*



\*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



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



\* Data on file.

## 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)