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**FORCE NC**

NON-COMPLIANT

P r e c i s e   p o w e r f u l  
p o s t   d i l a t a t i o n



## *PTCA NC Balloon Catheter*

FORCE NC, the high pressure PTCA catheter that ensures pressure when pressure is needed without compromising on flexibility, profile and catheter performance. Now get the highest rated burst pressure on the market with superb catheter performances that enables precise and safe post dilatation.

*Excellent re-wrap and re-cross*



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*THE FIRST LOW PROFILE, FLEXIBLE HIGH PRESSURE*

## Highest rated burst pressure available

- Rated burst pressure 24 bar, nominal pressure 12 bar
- Providing an extensive and safe working range

## Conformability

- No longitudinal growth for controlled expansion, even at high pressures
- No balloon deformations up to rated burst pressure for precise stent apposition
- No dog boning between nominal and rated burst pressure

## Unsurpassed flexibility and low profile

- Optimized materials and design for unsurpassed flexibility and low profiles
- Ease of use equal to high performance workhorse catheters
- Lesion entry profile 0.016" (0.40 mm)
- Balloon profile distal 0.023" (0.58 mm), proximal 0.025" (0.63 mm)



# PTCA CATHETER

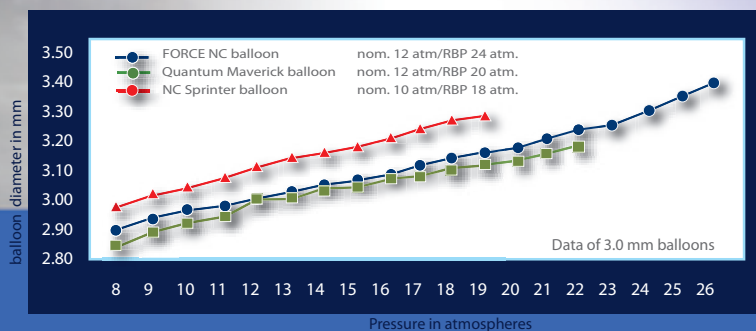
**24**  
Atmospheres

## Real non compliant

- Real non compliant: less than 1% growth per atmosphere between nominal and rated burst pressure
- Controlled equal growth during inflation up to rated burst pressure
- Precise compliance ensuring exact and protected sizing

## Newest generation hydrophilic coating

- Fully coated, tip to distal shaft including folded balloon
- Eliminates catheter friction, prevents release of particles
- Remains durable during multiple inflations



## BALLOON CATHETER COMPLIANCE CHART

Pressure (bar)	Ø2.00 (mm)	Ø2.50 (mm)	Ø2.75 (mm)	Ø3.00 (mm)	Ø3.25 (mm)	Ø3.50 (mm)	Ø4.00 (mm)	Ø4.50 (mm)
4	1.74	2.27	2.46	2.75	2.83	3.13	3.57	4.07
5	1.78	2.31	2.48	2.80	2.86	3.16	3.65	4.15
6	1.82	2.35	2.51	2.84	2.91	3.23	3.73	4.23
7	1.85	2.38	2.55	2.87	2.96	3.30	3.80	4.30
8	1.90	2.41	2.60	2.90	3.01	3.35	3.86	4.36
9	1.93	2.44	2.65	2.93	3.08	3.40	3.91	4.41
10	1.96	2.46	2.68	2.96	3.13	3.44	3.95	4.45
11	1.98	2.48	2.72	2.98	3.18	3.47	3.98	4.48
12 NP	2.00	2.50	2.75	3.00	3.25	3.50	4.00	4.50
13	2.03	2.52	2.77	3.02	3.27	3.52	4.03	4.53
14	2.06	2.54	2.79	3.04	3.30	3.55	4.06	4.56
15	2.09	2.56	2.82	3.06	3.33	3.58	4.08	4.58
16	2.11	2.58	2.84	3.08	3.37	3.60	4.11	4.61
17	2.14	2.60	2.86	3.11	3.41	3.63	4.14	4.64
18	2.16	2.62	2.89	3.13	3.44	3.66	4.17	4.67
19	2.18	2.64	2.91	3.15	3.48*	3.68*	4.20*	4.70*
20	2.21	2.66	2.93	3.18	3.50	3.71	4.23	4.73
21	2.24*	2.69*	2.96*	3.20*	3.54	3.74	4.26	4.76
22	2.27	2.71	2.99	3.23	3.58	3.77	4.32	4.82
23	2.30	2.74	3.02	3.25	3.61	3.81	4.35	4.85
24 RBP	2.33	2.76	3.05	3.30	3.64	3.85	4.39	4.89
25	2.36	2.79	3.08	3.34	3.68	3.89	4.45	4.95
26	2.40	2.82	3.11	3.38	3.71	3.95	4.51	5.01

1 bar = 100 kPa

NP: Nominal Pressure RBP: Rated Burst Pressure. Do not exceed  
\* Max. recommended inflation pressure

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## TECHNICAL DATA



Nominal Pressure:	12 bar
Rated Burst Pressure:	24-22 bar
Balloon material:	Non-compliant polyamide for controlled dimensions
Folding:	3-folds
Guiding catheter compatibility:	5F (min ID 0.056"/1.42 mm)
Guide wire compatibility:	max 0.014" (0.36 mm)
Catheter type:	Rapid Exchange
Proximal shaft:	1.9F (0.64 mm)
Distal shaft:	2.4F (0.80 mm)
Lesion entry profile:	0.016" (0.40 mm)
Usable Catheter Length:	154 cm
Deflation time:	4 seconds (Ø 3.0, L: 20)
Tapered tip:	3 mm
Shaft coating:	Hydrophilic coating
Shelf life:	3 Years from sterilization date

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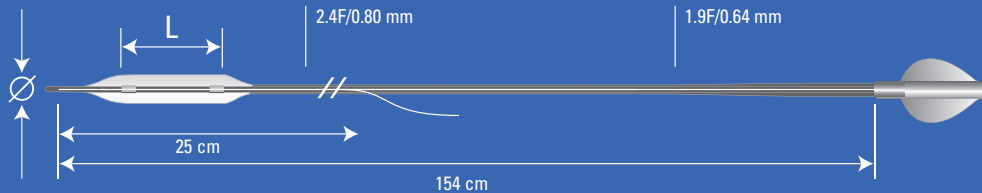
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**ORDER NUMBERS**

Diameter (mm)

L Length (mm)	∅	2.00	2.50	2.75	3.00	3.25	3.50	4.00	4.50
	5		XFOR2005	XFOR2505	XFOR2705	XFOR3005	XFOR3205	XFOR3505	XFOR4005
10		XFOR2010	XFOR2510	XFOR2710	XFOR3010	XFOR3210	XFOR3510	XFOR4010	XFOR4510
15		XFOR2015	XFOR2515	XFOR2715	XFOR3015	XFOR3215	XFOR3515	XFOR4015	XFOR4515
20		XFOR2020	XFOR2520	XFOR2720	XFOR3020	XFOR3220	XFOR3520	XFOR4020	XFOR4520

Order number description: XFOR DDLL (D=Diameter, L=Length)



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FORCE NC is a registered trademark of Blue Medical.  
Indications, contraindications, warnings and instruction for use can be found in the product labeling.  
CAUTION: restricted to sale by or on the order of a physician.

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