

# MARVELA-NC

PTCA Dilatation Catheter



## Non-Compliant (NC): Guaranteed Accuracy Under High Pressure

- True Non-Compliance
- Controlled Balloon Expansion
- No Dogboning

### Technical Specifications

Balloon Material	Nylon
Balloon Fold	3 fold memory
Hydrophilic coating	On the distal shaft
Balloon Diameter	1.25 - 5.00 mm
Balloon Length	6 - 40 mm
Radiopaque markers	Zero profile
Tip entry profile	0.017" (0.43 mm)
Guiding catheter compatibility	Minimum 5F
Deflation time	On average less than 10 sec
Shaft diameter	Proximal 1.95 F, Distal 2.7 F
Rapid Exchange length	25 cm
Markers on the proximal shaft	90 cm and 100 cm
Catheter length	140 cm
Maximum recommended guide wire	0.014" (0.36 mm)
Nominal pressure	12 atm
Rated burst pressure	20 atm

# Compliance Chart for MARVELA NC PTCA Dilatation Catheter

Balloon Diameter measured at 37.5 °C Tolerance:  $\pm 0.10$  mm

Balloon Diameter (mm)										
Balloon Pressure (atm)	1.25 mm	1.50 mm	2.00 mm	2.50 mm	2.75 mm	3.00 mm	3.50 mm	4.00 mm	4.50 mm	5.00 mm
6	1.12	1.35	1.85	2.32	2.53	2.77	3.24	3.67	4.13	4.59
7	1.15	1.38	1.88	2.36	2.57	2.81	3.29	3.72	4.21	4.70
8	1.17	1.41	1.91	2.39	2.61	2.85	3.33	3.78	4.27	4.76
9	1.19	1.44	1.94	2.42	2.64	2.88	3.37	3.83	4.33	4.83
10	1.21	1.46	1.96	2.44	2.67	2.91	3.40	3.87	4.38	4.89
11	1.23	1.48	1.99	2.47	2.70	2.95	3.44	3.92	4.43	4.94
12	1.25	1.50	2.00	2.50	2.75	3.00	3.50	4.00	4.50	5.00
13	1.28	1.53	2.03	2.52	2.76	3.01	3.51	4.01	4.53	5.05
14	1.31	1.55	2.05	2.54	2.78	3.03	3.54	4.04	4.57	5.10
15	1.33	1.57	2.07	2.56	2.80	3.06	3.56	4.08	4.61	5.14
16	1.35	1.59	2.08	2.57	2.82	3.08	3.58	4.11	4.64	5.17
17	1.37	1.61	2.10	2.59	2.84	3.09	3.60	4.13	4.67	5.21
18	1.39	1.63	2.11	2.60	2.85	3.11	3.62	4.15	4.69	5.23
19	1.41	1.65	2.13	2.61	2.86	3.12	3.64	4.17	4.72	5.27
20	1.42	1.66	2.14	2.62	2.87	3.13	3.66	4.19	4.74	5.29
21	1.43	1.67	2.15	2.64	2.89	3.15	3.67	4.21	4.76	5.31
22	1.44	1.68	2.16	2.65	2.90	3.16	3.68	4.23	4.79	5.35

**Grey background** indicates Nominal Pressure (NP) & **Black background** indicates Rated Burst Pressure (RBP)

## Ordering Information

Length (mm)	Diameter (mm)									
	1.25 mm	1.50 mm	2.00 mm	2.50 mm	2.75 mm	3.00 mm	3.50 mm	4.00 mm	4.50 mm	5.00 mm
6	MVNC1.2506	MVNC1.5006	MVNC2.0006	MVNC2.5006	MVNC2.7506	MVNC3.0006	MVNC3.5006	MVNC4.0006	MVNC4.5006	MVNC5.0006
10	MVNC1.2510	MVNC1.5010	MVNC2.0010	MVNC2.5010	MVNC2.7510	MVNC3.0010	MVNC3.5010	MVNC4.0010	MVNC4.5010	MVNC5.0010
15	MVNC1.2515	MVNC1.5015	MVNC2.0015	MVNC2.5015	MVNC2.7515	MVNC3.0015	MVNC3.5015	MVNC4.0015	MVNC4.5015	MVNC5.0015
20	MVNC1.2520	MVNC1.5020	MVNC2.0020	MVNC2.5020	MVNC2.7520	MVNC3.0020	MVNC3.5020	MVNC4.0020	MVNC4.5020	MVNC5.0020
25	MVNC1.2525	MVNC1.5025	MVNC2.0025	MVNC2.5025	MVNC2.7525	MVNC3.0025	MVNC3.5025	MVNC4.0025	MVNC4.5025	MVNC5.0025
30	MVNC1.2530	MVNC1.5030	MVNC2.0030	MVNC2.5030	MVNC2.7530	MVNC3.0030	MVNC3.5030	MVNC4.0030	MVNC4.5030	MVNC5.0030
35	MVNC1.2535	MVNC1.5035	MVNC2.0035	MVNC2.5035	MVNC2.7535	MVNC3.0035	MVNC3.5035	MVNC4.0035	MVNC4.5035	MVNC5.0035
40	MVNC1.2540	MVNC1.5040	MVNC2.0040	MVNC2.5040	MVNC2.7540	MVNC3.0040	MVNC3.5040	MVNC4.0040	MVNC4.5040	MVNC5.0040

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