

Semi-Compliant (SC): Guaranteed Accuracy Under High Pressure

- True Semi-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 cms
Catheter length	140 cm
Maximum recommended guide wire	0.014" (0.36 mm)
Nominal pressure	8 atm
Rated burst pressure	16 atm and 14 atm (with applicable sizes)

Compliance Chart for MARVELA SC PTCA Dilatation Catheter

Balloon Diameter measured at 37.5 °C Tolerance: ± 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
2	1.00	1.21	1.71	2.21	2.46	2.71	3.21	3.71	4.16	4.61
4	1.06	1.31	1.81	2.31	2.56	2.81	3.31	3.81	4.28	4.75
6	1.16	1.41	1.91	2.41	2.66	2.91	3.41	3.91	4.40	4.89
8	1.25	1.50	2.00	2.50	2.75	3.00	3.50	4.00	4.50	5.00
10	1.29	1.54	2.06	2.56	2.81	3.06	3.56	4.08	4.58	5.08
12	1.33	1.58	2.12	2.62	2.87	3.12	3.62	4.16	4.66	5.16
14	1.37	1.62	2.18	2.68	2.93	3.18	3.68	4.24	4.74	5.24
16	1.41	1.66	2.24	2.74	2.99	3.24	3.74	4.30	4.80	5.30
18	1.44	1.69	2.27	2.78	3.03	3.29	3.80	4.36	4.86	5.36
20	1.47	1.72	2.30	2.82	3.07	3.34	3.86	4.42	4.92	5.42
22	1.50	1.75	2.33	2.86	3.11	3.39	3.92	4.48	4.98	5.48

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	MVSC1.2506	MVSC1.5006	MVSC2.0006	MVSC2.5006	MVSC2.7506	MVSC3.0006	MVSC3.5006	MVSC4.0006	MVSC4.5006	MVSC5.0006
10	MVSC1.2510	MVSC1.5010	MVSC2.0010	MVSC2.5010	MVSC2.7510	MVSC3.0010	MVSC3.5010	MVSC4.0010	MVSC4.5010	MVSC5.0010
15	MVSC1.2515	MVSC1.5015	MVSC2.0015	MVSC2.5015	MVSC2.7515	MVSC3.0015	MVSC3.5015	MVSC4.0015	MVSC4.5015	MVSC5.0015
20	MVSC1.2520	MVSC1.5020	MVSC2.0020	MVSC2.5020	MVSC2.7520	MVSC3.0020	MVSC3.5020	MVSC4.0020	MVSC4.5020	MVSC5.0020
25	MVSC1.2525	MVSC1.5025	MVSC2.0025	MVSC2.5025	MVSC2.7525	MVSC3.0025	MVSC3.5025	MVSC4.0025	MVSC4.5025	MVSC5.0025
30	MVSC1.2530	MVSC1.5030	MVSC2.0030	MVSC2.5030	MVSC2.7530	MVSC3.0030	MVSC3.5030	MVSC4.0030	MVSC4.5030	MVSC5.0030
35	MVSC1.2535	MVSC1.5035	MVSC2.0035	MVSC2.5035	MVSC2.7535	MVSC3.0035	MVSC3.5035	MVSC4.0035	MVSC4.5035	MVSC5.0035
40	MVSC1.2540	MVSC1.5040	MVSC2.0040	MVSC2.5040	MVSC2.7540	MVSC3.0040	MVSC3.5040	MVSC4.0040	MVSC4.5040	MVSC5.0040



An ISO 13485 Certified Company

Registered Office & Factory Address:
Nano Therapeutics Pvt. Ltd.
 Plot No. D-54/2,
 Hojiwala Industrial Estate,
 Road No. 23, Near Gate No. 3,
 Sachin Palsana Highway,
 Sachin, Surat - 394 230,
 Gujarat, India.

Tel: +91 88660 50898,
 +91 90330 50853

Email: info@nano-therapeutics.net
 Web: www.nano-therapeutics.net

Customer Care Helpline No:
 1800 891 9097

Customer Care Email:
customercare@nano-therapeutics.net