

# Mars NC PTCA Balloon Dilatation Catheter



## Technical Specifications

Balloon Diameter (mm)	2.0, 2.25, 2.5, 2.75, 3.0, 3.25, 3.5, 3.75, 4.0, 4.5, 5.0, 5.5, 6.0
Balloon Length (mm)	6, 8, 10, 12, 15, 18, 20, 25, 30
Nominal Pressure (atm)	12
Rated Burst Pressure (atm)	22 (ø2.0-4.0mm) 20 (ø4.5-6.0mm)
Compliance	Non-compliant
Distal Shaft OD	2.55F (ø2.0-3.5mm) 2.67F (ø3.75-4.5mm) 2.8F (ø5.0-6.0mm)
Proximal Shaft OD	2.0F
Guiding Catheter Compatibility	5F (ø2.0-4.0mm) 6F (ø4.5-6.0mm)
Working Length (cm)	145
Coating	Hydrophilic coating from tip to adjacent guidewire port (Outer surface) Hydrophobic coating inside guidewire lumen

## Ordering Information

Balloon Diameter	Balloon Length/Product Code								
	6mm	8mm	10mm	12mm	15mm	18mm	20mm	25mm	30mm
2.0mm	38-2006	38-2008	38-2010	38-2012	38-2015	38-2018	38-2020	38-2025	38-2030
2.25mm	38-2206	38-2208	38-2210	38-2212	38-2215	38-2218	38-2220	38-2225	38-2230
2.5mm	38-2506	38-2508	38-2510	38-2512	38-2515	38-2518	38-2520	38-2525	38-2530
2.75mm	38-2706	38-2708	38-2710	38-2712	38-2715	38-2718	38-2720	38-2725	38-2730
3.0mm	38-3006	38-3008	38-3010	38-3012	38-3015	38-3018	38-3020	38-3025	38-3030
3.25mm	38-3206	38-3208	38-3210	38-3212	38-3215	38-3218	38-3220	38-3225	38-3230
3.5mm	38-3506	38-3508	38-3510	38-3512	38-3515	38-3518	38-3520	38-3525	38-3530
3.75mm	38-3706	38-3708	38-3710	38-3712	38-3715	38-3718	38-3720	38-3725	38-3730
4.0mm	38-4006	38-4008	38-4010	38-4012	38-4015	38-4018	38-4020	38-4025	38-4030
4.5mm	38-4506	38-4508	38-4510	38-4512	38-4515	38-4518	38-4520	-	-
5.0mm	38-5006	38-5008	38-5010	38-5012	38-5015	38-5018	38-5020	-	-
5.5mm	38-5506	38-5508	38-5510	38-5512	38-5515	38-5518	38-5520	-	-
6.0mm	38-6006	38-6008	38-6010	38-6012	38-6015	38-6018	38-6020	-	-

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### Broad Sizes Available

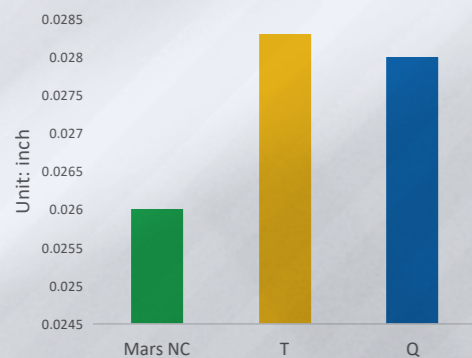
- New balloon diameter **5.5 & 6.0mm**
- New **145cm** working length

### New Double-Layer Balloon Material With a Rigid Exterior and a Soft Interior

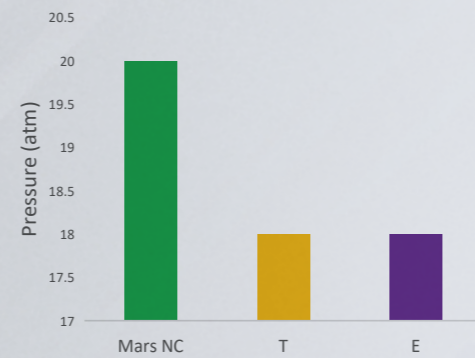
Significantly reduce the thickness of balloon layer and distal crossing profile

Enables to dilate target lesion under high pressure with minimal longitudinal elongation

Distal Crossing Profile (∅3.0mm)



Rated Burst Pressure (∅6.0mm)



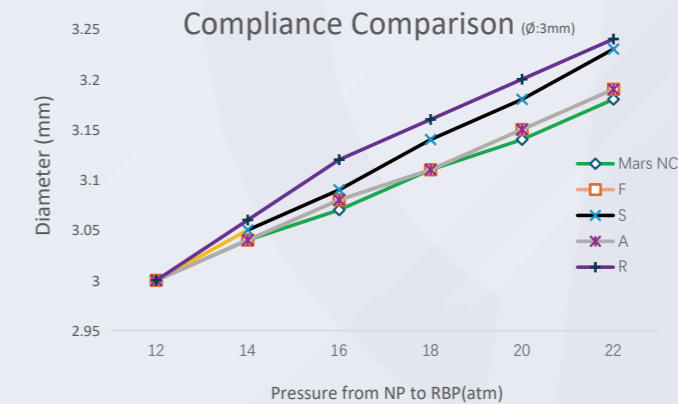
### Balance Tip Processing to Minimize Fish-Mouth Effect

- Tapered tip with **0.016"** entry profile
- New tip material provides stronger resistance to tip deformation and facilitates smooth crossing through stent cells



### Outstanding Non-Compliance Performance

- Rated burst pressure up to **22 atm**
- Minimal axial and longitudinal balloon growth from NP to RBP



Lower is better ↓