

PearlFlow[®] NS

Self-Expandable Nitinol Peripheral Stent system



 **L2Mtech**
Dedicated to healthy life

PearlFlow[®] NS



Challenges in Peripheral Artery Disease (PAD)

- Frequent Chronic total Occlusion
- Extensive Calcification
- High Degree of Elastic Recoil
- Dynamic forces with movement

Advantages of pearflow NS:

- Greater Flexibility than SS Stent.
- Improved Radial Strength
- Ability to recover from crushing
- Reduced foreshortening

Advantage of Pull back handle

- Easy Stent Release
- Exact positioning
- No Stent Jumping

USP STENT

- 3 Tantalum markers per stent end.
- High Flex stent design from 5mm to 8 mm
- Higher radial strength from 9mm to 12 mm
- Stent length upto 100 mm

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Parameter	Specification		
Stent design	Open cell design		
Material	Nitinol		
Diameter	5 – 12 mm		
Stent diameter	5 – 7 mm	8 mm	9 – 12 mm
Strut thickness	210 µm	230 µm	230 µm
Strut width (Main segment)	113 µm	135 µm	170 µm
Strut width (Interlink)	111 µm	115 µm	210 µm
Vessel coverage	10 – 25 %		
X-ray marker	3 Tantal marker distal and proximal / 8mm stents with 4 markers at each side		
Stent delivery system	Pull back system, 6F		
Compatible guiding catheter	Min. ID of 0.078" = 1.98 mm		
Compatible introducer sheath	Min. ID of 6F = 1.98 mm		
Compatible guide wire	Max. OD ≤ 0.035" (0.89 mm)		

Parameter	Specification
Biocompatibility	The Device is Bio compatible & complies as per the ISO 10993-1:2018 standard requirements
Sterilization	The device is sterile & complies as per the requirements of ISO 11135:2014
Shelf Life	3 Years
Packaging, Storage & Transportation	Store at Controlled room temperature (5° to 40°C)

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5.00-Dia Ø (85 CM)	5.00-Dia Ø (135 CM)	8.00-Dia Ø (85 CM)	8.00-Dia Ø (135 CM)
5.0x20	5.0x20	8.0x20	8.0x20
5.0x40	5.0x40	8.0x40	8.0x40
5.0x60	5.0x60	8.0x60	8.0x60
5.0x80	5.0x80	8.0x80	8.0x80
5.0x100	5.0x100	8.0x100	8.0x100
5.0x120	5.0x120	8.0x120	8.0x120
5.0x150	5.0x150	8.0x150	8.0x150
5.0x200	5.0x200	8.0x200	8.0x200
6.00-Dia Ø (85 CM)	6.00-Dia Ø (135 CM)	9.00-Dia Ø (85 CM)	
6.0x20	6.0x20	9.0x20	
6.0x40	6.0x40	9.0x40	
6.0x60	6.0x60	9.0x60	
6.0x80	6.0x80	9.0x80	
6.0x100	6.0x100		
6.0x120	6.0x120	10.00-Dia Ø (85 CM)	
6.0x150	6.0x150	10.0x20	
6.0x200	6.0x200	10.0x40	
7.00-Dia Ø (85 CM)	7.00-Dia Ø (135 CM)	10.0x60	
7.0x20	7.0x20	10.0x80	
7.0x40	7.0x40	12.00-Dia Ø (85 CM)	
7.0x60	7.0x60	12.0x20	
7.0x80	7.0x80	12.0x40	
7.0x100	7.0x100	12.0x60	
7.0x120	7.0x120	12.0x80	
7.0x150	7.0x150		
7.0x200	7.0x200		

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L2M-MKT-PFNS, Rev, 01, 13-Jan-2022