

Shape Memory Medical Device	Expanded Plug Diameter (mm)	Plug Length (mm)	Crimped Plug OD (in)	Marker Band OD (in)
IMP-05 IMP-FX-06	6	10	0.029	0.032
	IMPEDE Recommended Vessel Range (mm)	Min GW OD (in)	Min Catheter ID (in)	Min Catheter ID (mm)
	2-5	0.032	0.038	0.97
Catheter Compatibility				
Manufacturer	Product Name	Size (Fr)	ID (in)	ID (mm)
4 Fr				
Asahi	Fubuki Guiding Catheter	4.2	0.043	1.10
Cordis (Cardinal Health)	Nylex	4	0.038	0.97
	Super Torque Selective Catheter	4	0.040	1.00
	Tempo Aqua Diagnostic Catheter	4	0.038	0.97
	Tempo Angiographic Catheter	4	0.038	0.97
Medtronic	SiteSeer	4	0.042	1.07
Merit Medical Systems, Inc.	Impress Hydrophilic Catheters	4	0.040	1.02
Pediavascular	Mongoose	4	0.038	0.97
Terumo Interventional Systems	Glidecath Hydrophilic Coated Catheter	4	0.041	1.04
5 Fr & Others				
Cook	Beacon Tip Angiographic Catheter	5	0.038	0.97
	Torcon NB Advantage Catheter	5	0.038	0.97
Codman Neuro (Johnson & Johnson)	Envoy Guiding Catheter	5	0.056	1.42
Cordis (Cardinal Health)	Long Vista Brite Guiding Catheter	5	0.056	1.40
Merit Medical	ConcierGE Guiding Catheter	5	0.057	1.40
Stryker	Guider Softip XF Guide Cath	5	0.053	1.35
	DAC 044	4.3	0.044	1.12
Penumbra, Inc. (Neurovascular)	Neuron 053	5/6	0.053	1.35
Surefire Medical, Inc.	Surefire Flexion	5	0.054	1.37
Terumo Interventional Systems	Glidecath Hydrophilic Coated Catheter	5	0.044	1.10
Terumo Interventional Systems	Glidecath 5F XP Hydrophilic Coated Catheter	5	0.047	1.20

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	2-5	0.032	0.038	0.97
Sheath Compatibility				
Manufacturer	Product Name	Size (Fr)	ID (in)	ID (mm)
<i>4 Fr</i>				
Cook	Performer	4	0.051	1.30

Needle Inner Diameters	
OD (gauge)	ID (in)
10	0.106
11	0.094
12	0.085
13	0.071
14	0.063
15	0.054
16	0.047
17	0.042
18	0.033

Important Comments:

NOTE: Beware that catheters (diagnostic, guide, or exchange) and sheaths may taper. Check if the device has a tapered tip and what the Inner Diameter (ID) of that tapered tip is. The tapered tip ID could be too small for your device to deliver through, even if the stated ID seems compatible.

IMPEDE compatibility with the listed accessory devices are based on the comparison of the IMPEDE minimum catheter ID requirement as stated in the IMPEDE Instructions for Use and the respective accessory device specifications stated in the manufacturer’s product label or verified by measurement. These catheters generally range from .038” to .057” ID. This list is not exhaustive. If using an accessory device that is not listed in the Table above, select guidewire and catheter that allows sufficient interference with the device when deploying. Refer to the diagram below which demonstrates this point.

- ORANGE – Catheter
- BLUE – IMPEDE Proximal Surface
- GREEN – Guidewire

The RED Line is the Interaction when the device is placed in the catheter.

