

**MICROCATHETERS**

Company Name	Product Name	Type of Catheter Construction	Size (F)			Length (cm)			Catheter Endhole Diameter ID (inch)	Recommended Guidewire Size (inch)	Radiopaque Tip (Yes/No)	Hydrophilic Coating (Yes/No)
			Proximal	Middle	Distal	Proximal	Middle	Distal				
Bard Peripheral Vascular, Inc.	Usher	Stainless steel braid, PTFE	5.7		3	130	N/A	N/A	0.027	Up to 0.018	Yes	Yes
Baylis Medical Company	ProTrack Microcatheter	Coiled stainless steel, PTFE, PEBAX	2.7			145	N/A	N/A	0.022	Up to 0.021	Yes	No
			2.9						0.025	Up to 0.024		
Boston Scientific Corporation	Renegade Hi-Flo Microcatheter	Vortec plus braiding; fiber and platinum braid	3	N/A	2.8	105, 115, 135, 150			0.027	Maximum 0.018	Yes	Yes
	Renegade Hi-Flo Fathom Preloaded System									Includes preloaded Fathom-16 guidewire		
	Renegade Hi-Flo Fathom Kit									Includes Fathom-16 guidewire		
	Renegade Hi-Flo Transend Kit									Includes Transcend-18 guidewire		
	Renegade STC 18 Microcatheter	Vortec fiber and stainless steel braid			2.4	105, 130, 150			0.021	0.018 ID		
	Renegade Microcatheter	Vortec fiber braiding			2.5	130, 150				Maximum 0.018		
	FasTracker 325 Microcatheter	TFE shaft with hydrophilic coating			2.7	105, 135, 140			0.024	Includes either Taper guidewire or Transend guidewire preloaded in microcatheter		
	FasTracker 325 Pre-Loaded System											
Codman Neurovascular	Prowler Select LP-ES	Braid/coil design	2.8	N/A	1.9	150			0.0165	Maximum 0.014	Yes	Yes
	Prowler Select Plus		2.3		2.3				0.021	Maximum 0.018		
	Prowler 10				1.7				0.015	Maximum 0.012		
	Prowler 14		2.8		1.9				0.0165	Maximum 0.014		
	Prowler Plus				2.3				0.021	Maximum 0.018		
	Transit Microcatheters				2.5							
	Rapidtransit Microcatheters		2.3		2.3							
	Courier 170 Microcatheters		Stainless steel braid/stainless steel coil		2.3				1.8	0.017		
	Courier 190 Microcatheters	2.4	1.9	0.019	0.016							

ID, inner diameter; PEBAX, polyether block amide; PTFE, polytetrafluoroethylene; RX, rapid exchange.

**MICROCATHETERS (CONTINUED)**

Company Name	Product Name	Type of Catheter Construction	Size (F)			Length (cm)			Catheter Endhole Diameter ID (inch)	Recommended Guidewire Size (inch)	Radiopaque Tip (Yes/No)	Hydrophilic Coating (Yes/No)
			Proximal	Middle	Distal	Proximal	Middle	Distal				
Concentric Medical (acquired by Stryker Neurovascular)	Merci Microcatheter 14X and 18L	Braided	3	N/A	2.4	150	N/A	0.017 (14X); 0.021 (18L)	Up to 0.014 (14X); up to 0.018 (18L)	Yes, one marker band	Yes	
Cook Medical	Cantata 2.5	Braided stainless steel, PTFE, PEBAX	2.5			100, 110, 135, 150	N/A	0.021	0.018	Yes	Yes	
	Cantata 2.8		2.8					0.025				
Covidien/ev3	Marksman 27	Not provided	3.2	N/A	2.8	105	N/A	0.027	0.023	Not provided	Not provided	
						135						
						150						
Merit Medical Systems, Inc.	Maestro	Nylon ribbon braiding	2.8, 2.9		2.4	110, 130, 150 straight; 45 Swan Neck	N/A	N/A	0.018	Yes, one marker band	Yes	
	EmboCath Plus	Stainless steel braid	3	2.8	100, 135			0.020, 0.024, 0.027	0.021			0.028
Micrus Endovascular	Courier 170 Microcatheter	Stainless steel braid	2.3	N/A	1.8	150	N/A	0.017	0.014	Yes, two marker bands	Yes	
	Courier 190 Microcatheter		2.4		1.9			0.019				
Penumbra, Inc.	PX400	Nitinol coil reinforced; 8 extrusion zones	3.4	N/A	2.8	150		0.025	Not provided	Yes, two marker bands	Not provided	
St. Jude Medical, Inc.	Proxis Infusion Catheter	Nonbraided (RX)	2.5		3.6	145	N/A	0.01	0.014	Yes, one marker band	No	
Terumo Interventional Systems	Progreat Ω	Tungsten coil, PTFE liner	3	N/A	2.8	110, 130	N/A	N/A	Up to 0.025	Yes, platinum	Yes	
	Progreat 2.7		2.9		2.7				Up to 0.021	No		
	Progreat 2.4				2.4				0.018	Yes, platinum		
	Progreat Ω Coaxial Microcatheter System		3		2.8				Includes an 0.021-inch Glidewire GT fixed to the hub of the Progreat			
	Progreat Coaxial Microcatheter System		2.9		2.7				No			
Vascular Solutions, Inc.	Twin-Pass Dual Access Catheter	Dual-lumen (RX and OTW)	3		1.9	120	20	1	0.017	0.014 (RX and OTW)	Yes, two marker bands	Yes
	Twin-Pass .023 Dual Access Catheter		3.5						N/A	0.023	0.014 RX, 0.018 OTW	
	Supercross Microcatheter	Stainless steel braided	2.5		1.8	130, 150	N/A	0.017	0.014	Yes, one marker band	Yes	
	Supercross Angled Tip Microcatheter			2.1	Yes, one marker band; 3 tip angles: 45°, 90°, 120°							

ID, inner diameter; OTW, over the wire; PEBAX, polyether block amide; PTFE, polytetrafluoroethylene; RX, rapid exchange.