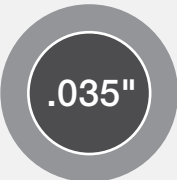






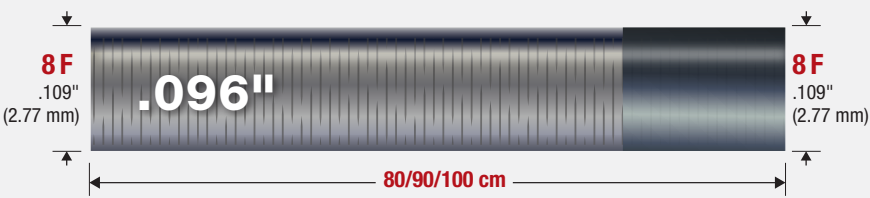
Penumbra Neurovascular Catheters

Select Device Based on Vessel Size

	3MAX®	RED®43	RED62	RED 68	RED72
Distal OD	1.27 mm	1.52 mm	1.93 mm	2.13 mm	2.16 mm
Distal ID					
Length	160 cm	160 cm and 138 cm	138 cm	132 cm	132 cm

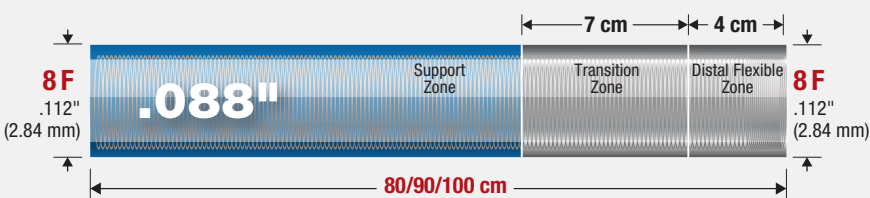
Guide Sheaths

BENCHMARK™ BMX®96



- Constructed using advanced laser-cut stainless steel hypotube technology designed to provide support and flexibility
- Largest ID 8 F access catheter enabling greater intraprocedural visualization and a wider range of delivered therapies^a

Neuron MAX® 088



- 6 F long sheath designed to provide robust proximal support and distal trackability for complex neurovascular interventions
- .088" lumen enables delivery of a wide variety of therapies

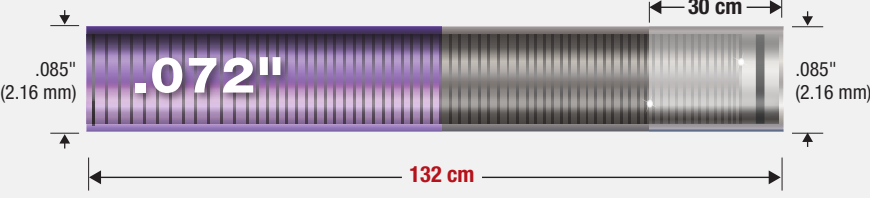
BENCHMARK BMX81™



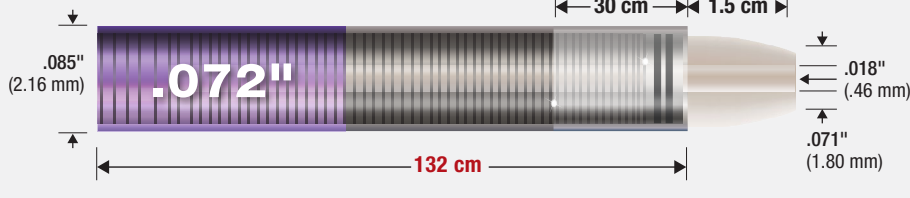
- Advanced Stainless Steel Hypotube Design with Titrated Transitions (T²) Technology: Engineered to provide support and flexibility for femoral and radial access
- Compatibility-driven design with .081" lumen enabling delivery of multiple therapies

Reperfusion Catheters

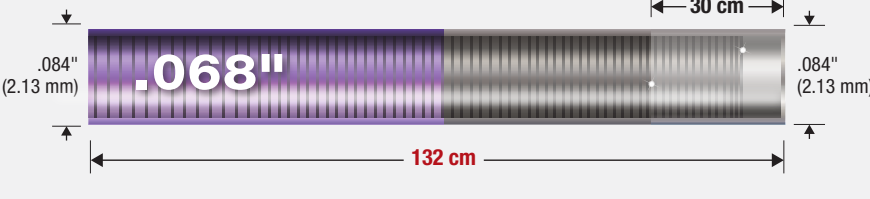
RED 72



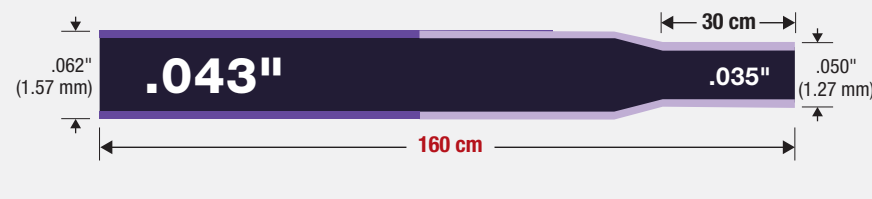
RED 72 with SENDit™ Technology



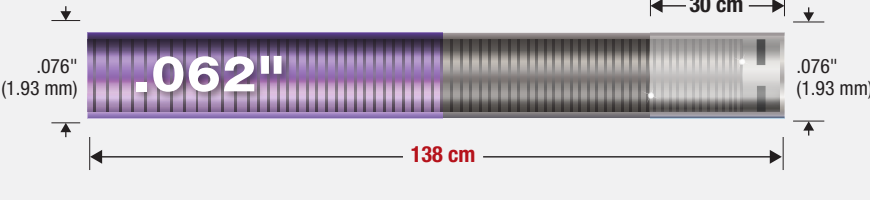
RED 68



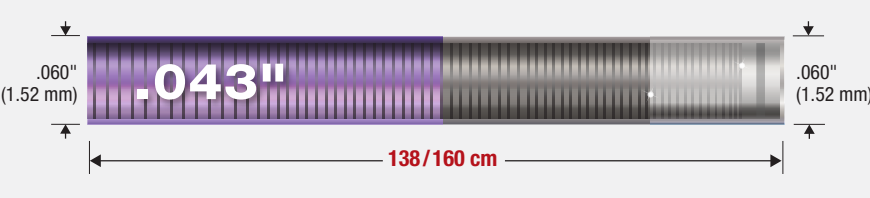
3MAX



RED 62



RED 43



- Delivering aspiration in the most challenging anatomy
- Minimizes the ledge by occupying more of the reperfusion catheter lumen

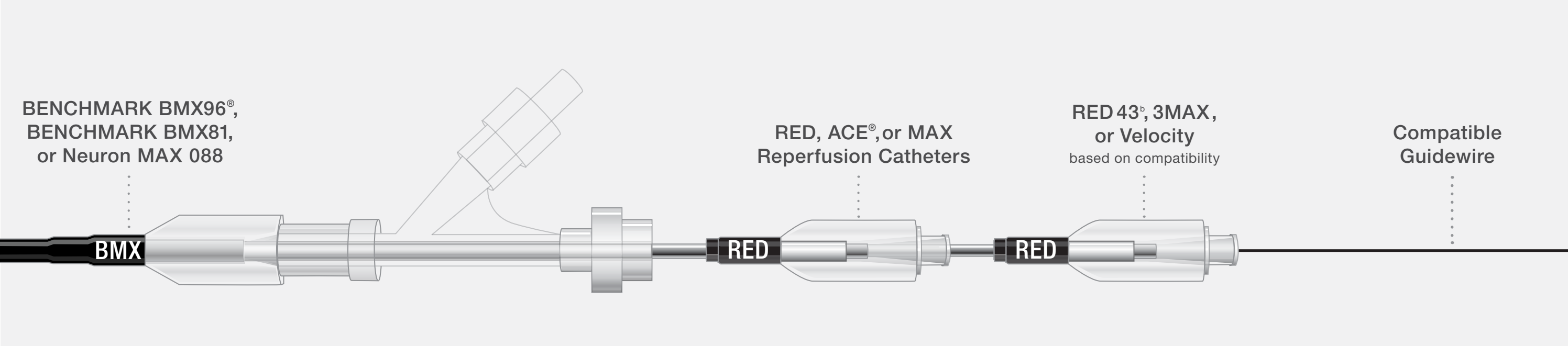
Delivery Catheter

Velocity® Delivery Microcatheter



- Designed to facilitate the coaxial delivery of Penumbra reperfusion catheters and revascularization devices

Penumbra System® Setup



^a Data on file at Penumbra, Inc.
^b Compatible with RED 43 160 cm length.
Procedural and operative techniques and considerations are illustrative examples from physician experience. Physicians' treatment and technique decisions will vary based on their medical judgment. Individual results may vary depending on patient-specific attributes and other factors.
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