Interlock™-35 Coil

The evolution begins – one advancement after another

Improved Hydration

Introducer Side Holes

Designed to allow heparinized saline into the coil introducer during coil advancement, limiting thrombus formation in the catheter lumen. This modification allows for saline to be infused through the side arm of the Toughy Borst Valve, with either a simple syringe setup or a continuous flush setup.

Flushing luer for pre-deployment hydration

A simple modification to product packaging allows for rapid, efficient coil hydration prior to introduction into the catheter.
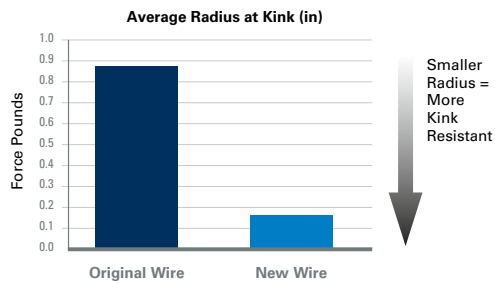
Improved Kink Resistance

Nitinol Pusher Wire

Provides nearly 5 times more kink resistance when compared to our original stainless steel wire, improving confidence during coil delivery.
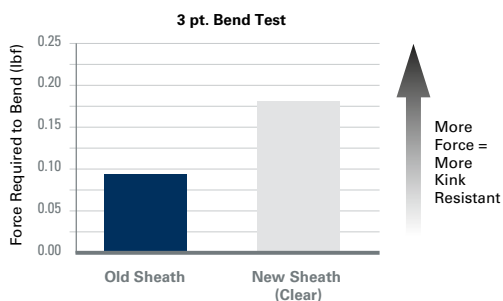
New nitinol core pusher wire is 5 times more kink resistant*

Average Radius at Kink (in)

Force Pounds

1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0

Original Wire   New Wire

Smaller Radius = More Kink Resistant

Reinforced Introducer

The proximal end of the introducer has been reinforced to improve kink resistance during wire advancement.

The new proximal end of the sheath is 97% more kink resistant than the original[†]

3 pt. Bend Test

Force Required to Bend (lbf)

0.25
0.20
0.15
0.10
0.05
0.00

Old Sheath   New Sheath (Clear)

More Force = More Kink Resistant

Optimized Fiber Configuration

Fiber Spacing

The spacing and length of Dacron™ Fibers has been optimized to allow for better pushability.

Shorter fiber lengths help reduce coil friction inside the catheter.

18 mm fibers   9 mm fibers

Original Long-Length Coils   Modified Long-Length Coils
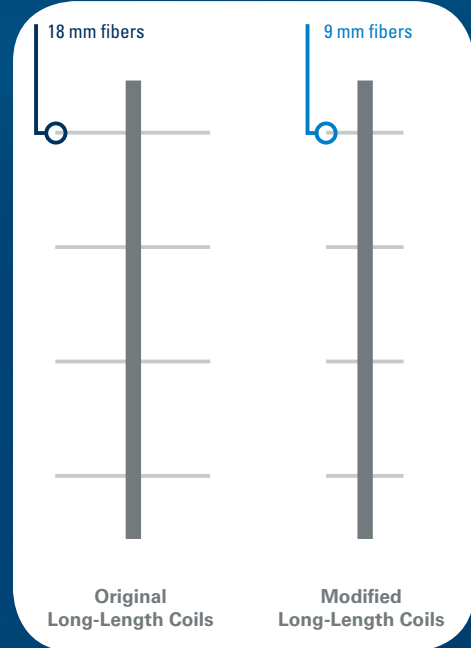
Fibering has been optimized on all 25 cm and 40 cm Coils. Fibering for 6 mm x 20 cm and 8 mm x 20 cm have also been optimized.

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