

Coil & Braid Reinforced Tubing

Optimized Designs for Torque, Pushability, Flexibility and Kink Resistance

Liner Polymers

- HDPE
- PTFE
- Special low-friction compounds

Jacket Polymers

- Nylon
- Pebax®
- Polyurethane

Reinforcement Wires

- Nitinol
- Stainless steel
- Tungsten
- Round or flat wires

Reinforcement Monofilaments

- Nylon
- PET
- PEEK
- PEN
- LCP

Braiding

- Regular, full load
- Diamond, full load
- Diamond, half load
- Customized by adding tri-axial or chase wires
- Variable density (PPI) braiding
- 16 and 32 carrier braiders
- Vertical and horizontal braiders

Coiling

- Variable pitch coiling
- Extremely thin wall thickness

Custom Capabilities

- Lumens in the wall
- Variable durometer jacket
- Braid to coil transitions
- Hybrid metal/polymer structures
- Braid/Coil embedment
- Marker bands
- Atraumatic tips