



# GORE™ Thin Wall Coating for Push-Pull Wires

## Summary

GORE™ Thin Wall Coating For Push-Pull Wires is a consistent thin lubricating layer of high strength toughened fluoropolymer that protects push-pull wires and extends the life of the steering mechanism of a flexible endoscope. This thin wall coating maintains force transmission through the push. This coating can be applied to any wire type and eliminates the need for all dry lubricants such as molybdenum disulfide.

Options available include: coating your current wire, precoated wires, or providing pre-crimped assemblies.

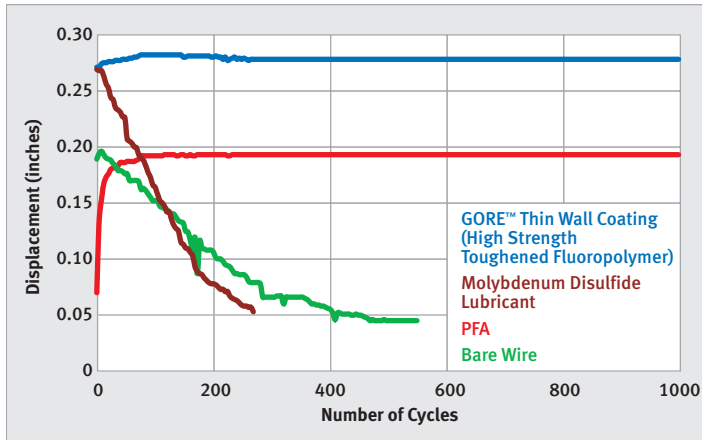
### PROPERTIES

Wire Types	All standard metals
Wire Sizes	38 AWG – 10 AWG
Coating Thicknesses	0.0007" Standard and 0.0002" Min.

### COEFFICIENT OF FRICTION

Surface	Static	Kinetic
Steel on Steel	0.6	0.4
PTFE on Steel	0.041	0.04

### TRANSMITTED FORCE VS. CYCLE LIFE



\*GORE™ Thin Wall Coating and PFA remain constant beyond 200,000 cycles



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### BENEFITS

- Minimizes coil pipe to cable friction
- Helps maintain complete articulation
- Lengthens time between replacement intervals
- Easy to install (no spray or dry lube)
- Minimizes articulation force
- Low applied force loss
- Cleaner assembly

### FEATURES

- Drop in replacement
- Withstands autoclave cycling
- Low coefficient of friction
- Durability of lubrication
- Uniform coating
- High abrasion resistance

## W. L. Gore & Associates, Inc.

North America  
1 (800) 445-GORE (4673)

Europe  
+49 9144 6010  
+44 1382 561511

International  
1 (302) 292-5100

China: Beijing  
+86 10 6510 2980

China: Shanghai  
+86 21 6247 1999

China: Shenzhen  
+86 755 8359 8262

[gore.com](http://gore.com)

More international phone numbers can be found at [gore.com/phone](http://gore.com/phone)

Japan  
+81 33 570 8712

Korea  
+82 2 393-3411

Taiwan  
+886 2 8771 7799

Singapore  
+65 6 733 2882



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JK060922-04 Rev. 6-7-07