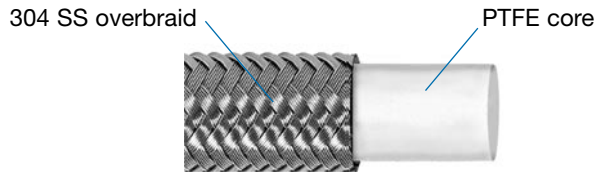


Smooth-Bore PTFE Hose

Coreflex™ Series B-COR

Features



- -65 to 450°F (-53 to 230°C) temperature rating
- Smooth-bore PTFE core:
 - Chemically inert
 - Easy to clean
 - Nonaging, nonstick surface
 - Ultralow extractibles
 - Nonabsorbent; will not impart taste or odor.
- Easy to bend
- Drains easily
- Can be autoclaved and sterilized
- 300 series stainless steel overbraid:
 - Protects core from abrasion
 - Enhances hose pressure rating.
- 316 stainless steel end connections with 304 stainless steel radially crimped collars
- Sanitary end connections:
 - Heat traceable 316L stainless steel
 - Surface finish not to exceed 15 µin. (0.38 µm) R_a
 - Internally chamfered—smooth transition between hose and end connections.
- Optional PET polyester film hose identification tag:
 - Easy to read; includes hose ordering number plus up to five lines of customer-specified text.
 - Can be autoclaved and sterilized; does not hinder hose flexibility.



Product/Material Approvals

- FDA 21CFR Part 177.1550
- USDA
- USP Class VI
- 3-A

Technical Data

Nominal Hose Size in. (mm)	Hose ID in. (mm)	Hose OD in. (mm)	Static Bend Radius ^① in. (cm)	Temperature Range °F (°C)	Working Pressure at 70°F (20°C) psig (bar)	Burst Pressure at 70°F (20°C) psig (bar)	Weight lb/ft (kg/m)
1/8 (3.2)	0.125 (3.2)	0.25 (6.4)	1.50 (3.81)	-65 to 450 (-53 to 230)	3500 (241)	15 000 (1033)	0.05 (0.07)

Pressure-temperature ratings may be limited by the end connections. Contact your authorized Swagelok sales and service representative for elevated pressure-temperature ratings.

① Measured to center line of bend.

Additional Considerations

PTFE is a permeable material. Gases, vapors, and liquids can migrate through the PTFE core. The rate of permeation is affected by many application-specific variables.

