

DM-FGP/TFE Hose • Food Grade Series

XtremeDuty, BioFlex Teflon Smooth Bore Transfer Hose

Suitable for Food, Beverage and other Sanitary Applications

Applications:

A flexible, **Xtreme Duty**, sanitary grade transfer hose for gravity, pressure or suction service, transferring virtually any liquid compatible with Teflon including chemicals, foods, oils, beverages, agriculture products or other edible or sanitary liquids for transfer from drums, totes (IBC's), reservoirs, day tanks, tank trucks, railway cars and other in-plant applications.

Features:

- Excellent hygienic cleanability, due to smooth bore and polished surface finish.
- Optimal chemical resistance, particularly to strong oxidizing acids and bases.
- Very high temperature and pressure ratings.
- Best steam resistance - permanently resistant to steam sterilizing.
- Fully self draining, unlike convoluted hose, which pools fluid in the convolutions.
- Flow rates, more than 100% higher than convoluted hose.
- Max. Pressure Ratings, up to 1000+ Psi, depending on hose ID and other variables.
- Actual hose Psi is provided with final choice hose specifications.
- Gas Permeation Resistance, more than 150% higher.
- 50 times more flex-life dependent upon temperature and pressure conditions.

Hose Specifications

Temperature:

-70°C to 260°C, (internal), Limits vary with variables.

Maximum Flow Rate:

Approximately 2X better than convoluted hose.

Maximum Pressure:

up to 1100 PSI. Limits vary with variables.

Assembly:

Hose sizes from 1/2" to 2" inside diameter

Any length available in up to 60 ft. length increments

Minimum hose length 4" or more (varies with hose diameter)

Connections to specification:

Threaded Ends, Hose Barbs, Tri-Clamps, Swivel Flange, Cam & Groove, and other fittings available on request.

Materials of Construction

Hose Core:

PTFE (Teflon) Natural or Anti-Static, flexible smooth bore

Tube Cover:

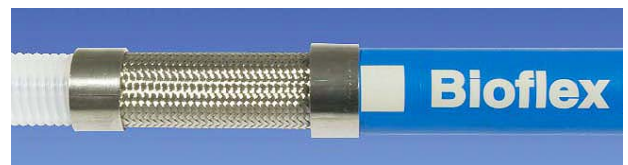
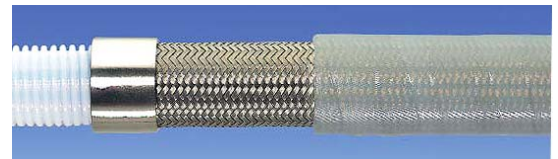
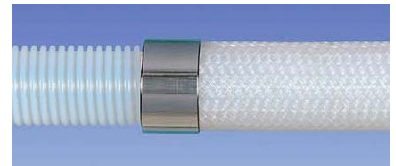
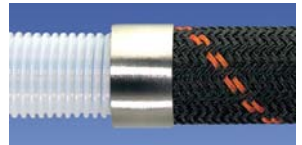
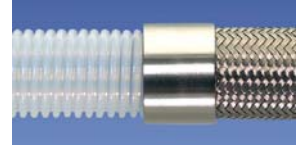
SS, PP, Hastelloy, Kynar, EPDM, Silicone

Hose Guards:

SS Wire Coil, Rubber Rings, Spiral Wrap, Kink-stop

Approvals:

FDA, USDA, CE, BPSA, 3-A, ATEX and others



Popular Optional Accessories

Sanitary Duty Dispensing Nozzle with built-in Stainless Swivel

316 Stainless Steel & Teflon, 3/4" or 1", Hose Barb or female NPT Base

