

TRC - Teflon® Smooth Bore EPDM Rubber Covered Hose

Inner core: Smooth Teflon® PTFE 1/2" - 2"
Smooth Teflon® FEP 3" - 4"

Reinforcement: EPDM rubber

Temperature: -20 °F to 300 °F

Construction

Smooth bore Teflon® liner bonded to a cover reinforced with multiple nylon plicord and EPDM rubber. A double-helix high tensile strength wire embedded in the carcass provides crush, kink and vacuum resistance.

Benefits

- Robust construction delivers extended service life, especially in steam cycling situations, compared to hoses of similar construction and appearance
- Smooth, flexible Teflon® liner for use in a wide range of applications and ease of cleaning
- Outstanding flexibility, bend-ability and bend radius
- Durable, kink-resistant EPDM reinforced design for extended life and easy handling
- PTFE available with natural or conductive liner

Applications

- Chemical, food, beverage, pharmaceutical and other process transfers
- Rail car and trailer loading/unloading
- Load cell applications
- Chemical cleaning and/or steam cleaning/sterilizing applications

Fittings: Crimn Style



Industrial



Flanged



Cam & Groove



Special



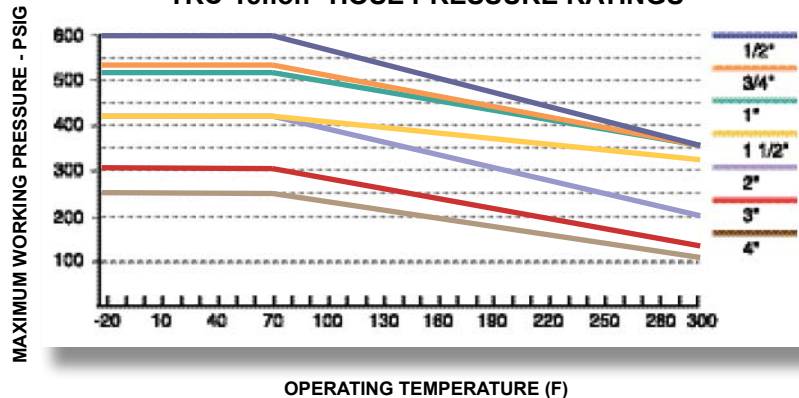
Sanitary



Threaded

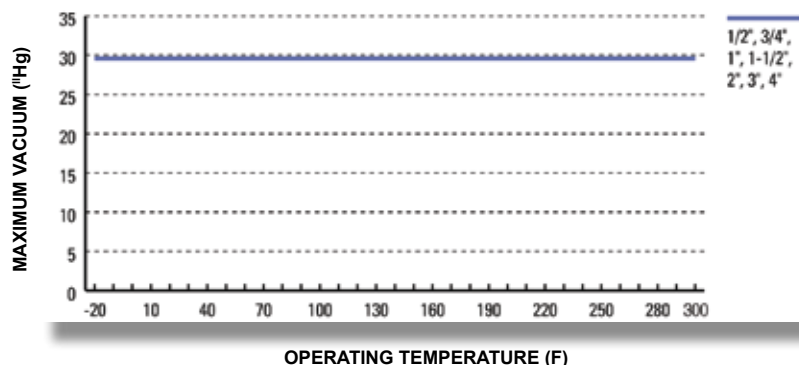


TRC-Teflon® HOSE PRESSURE RATINGS



NOTE: Hose assembly pressure ratings may be limited by the fittings.

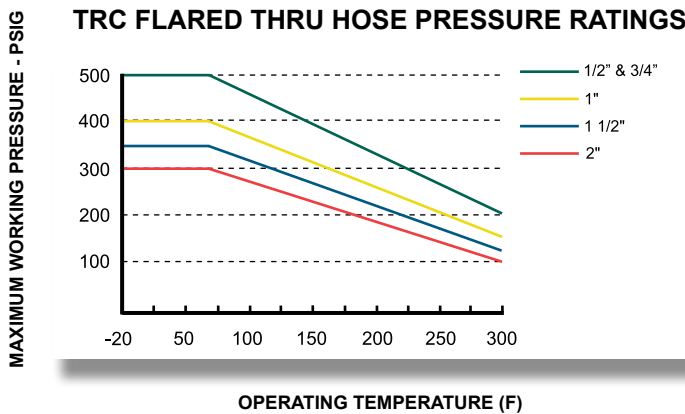
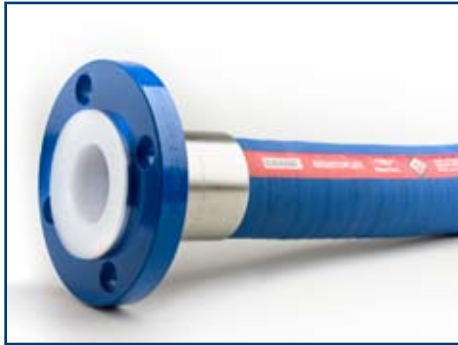
TRC-Teflon® HOSE VACUUM RATINGS



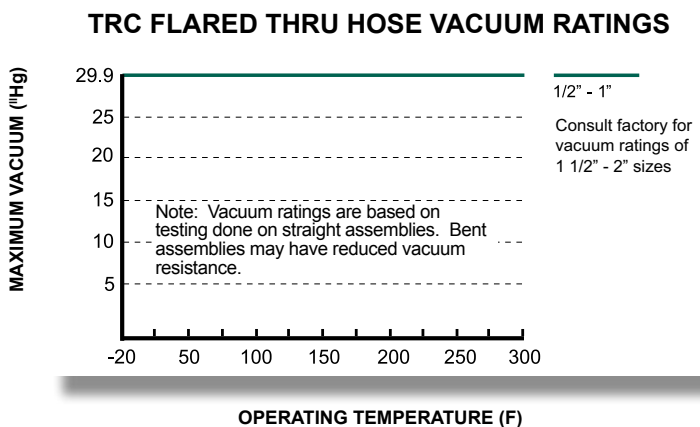
NOTE: Custom colors available upon request. Consult factory.

	Nominal Size		Hose ID		Hose OD		Bend Radius		Max. Working Pressure at 70°F (21°C)		Burst Pressure at 70°F (21°C)		Weight Lbs / Ft
	INCH	DN	INCH	MM	INCH	MM	INCH	MM	PSIG	BAR	PSIG	BAR	
PTFE	1/2	15	0.525	13.3	0.997	25.3	1.75	44.5	600	41.3	2400	165.4	.46
	3/4	20	0.775	19.7	1.299	33.0	2.5	63.5	550	37.9	2200	151.6	.56
	1	25	1.03	26.2	1.54	39.1	3.38	85.9	530	36.5	2120	146.1	.79
	1-1/2	40	1.525	38.7	2.191	55.7	5.5	139.7	430	29.6	1720	118.5	1.22
	2	50	2.025	51.4	2.723	69.2	8	203.2	430	29.6	1720	118.5	1.84
FEP	3	80	3.015	76.6	3.812	96.8	24	711.2	300	20.7	1200	82.7	0.80
	4	100	4.010	101.9	4.937	125.4	42	1066.8	250	17.2	1000	68.9	5.15

TRC-Teflon® Smooth Bore Flared Thru EPDM Rubber Covered Hose



NOTE: For assemblies, pressure ratings of fittings may be less than for the hose.



Inner core: Smooth Teflon® PTFE
Reinforcement: EPDM rubber
Temperature: -20 °F to 300 °F

Construction

Smooth Teflon® liner bonded to a cover reinforced polyester pycord, steel wire and EPDM rubber. The assembly is manufactured using our exclusive Flared Thru Thermalok™ process that extends the PTFE over the sealing face, creating a corrosion barrier throughout the assembly, maximizing vacuum resistance and service life.

Benefits

- In addition to the benefits of TRC-Teflon®
- Flared Thru system allows Teflon® PTFE protection of all wetted surfaces, eliminating metal corrosion and process contamination
 - Full Vacuum Rated, even at elevated temperatures

Fittings: Flared Thru Style



(consult factory for availability)

Applications

Where a TRC-Teflon® is selected with the additional need for full process protection from metallic end fittings.

External Protective Accessories

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Size		Hose I.D.		Hose O.D.		Min Bend Radius		Max. Working Pressure at 70°F (21°C)		Burst Pressure at 70°F (21°C)		Weight Lbs / Ft
Inch	DN	Inch	MM	Inch	MM	Inch	MM	PSIG	BAR	PSIG	BAR	
1/2	15	0.750	19.05	1.30	33	3	76.2	500	34.5	2000	137.8	.46
3/4	20	0.750	19.05	1.30	33	3	76.2	500	34.5	2000	137.8	.56
1	25	1.000	25	1.56	39.6	4	101.6	400	27.6	1600	110.3	.79
1-1/2	40	1.500	38.1	2.05	52	12	304.8	350	24.1	1400	96.5	1.22
2	50	2.000	51	2.56	65	12	304.8	300	20.7	1200	82.8	1.84