

Fabchem® (UHMWPE) Tube



Application: A significant improvement to our chemical hose line, Fabchem® handles the majority of common industrial chemicals in pressure, gravity flow and suction service.

- › Extremely versatile, handling 98% of all chemicals
 - › 212°F maximum temperature rating
 - › Crimp specs available with Insta-Lock™ cam & groove couplings
 - › Conductive version available: Fabchem®-C
- Order Code 546-498, full specifications in INH full-line catalog

Tube: Ultra-high molecular weight polyethylene (UHMWPE)

Cover: Green EPDM synthetic rubber with bright orange longitudinal stripe, corrugated (wrapped impression)

Reinforcement: Spiral-plyed synthetic fabric with double wire helix

Temperature: -40°F to 212°F (-40°C to 100°C)

Couplings: Continental Insta-Lock™, Campbell ChemJoint™

Order Codes:

- 546-065 (green)
- 546-533 (purple)
- 546-555 (blue)
- 546-716 (ARC – Abrasion-Resistant Cover)

SAP #				ID		Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight	
Green	Purple	Blue	ARC	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
20018477		20617876		1/2	12.7	0.95	24.1	200	1.38	3	76	29	737	0.33	0.49
20018478		20617877		3/4	19.1	1.22	31.0	200	1.38	4	89	29	737	0.46	0.68
20018481	20673999	20243623		1	25.4	1.47	37.3	200	1.38	4	102	29	737	0.60	0.89
20018485				1 1/4	31.8	1.73	43.9	200	1.38	4	102	29	737	0.73	1.09
20018488	20674040	20385256		1 1/2	38.1	1.97	50.0	200	1.38	5	127	29	737	0.84	1.25
20018493	20674041	20598926	20018718	2	50.8	2.55	64.8	200	1.38	6	152	29	737	1.22	1.82
20018496				2 1/2	63.5	3.14	79.8	200	1.38	8	203	29	737	1.78	2.65
20018498			20018720	3	76.2	3.63	92.2	200	1.38	9	229	29	737	2.11	3.14
20018502			20018722	4	101.6	4.67	118.6	200	1.38	10	254	29	737	2.81	4.18

Hose design ratio (burst pressure) 4:1.



Chemical

- Atmospheric Distillation
- Vacuum Distillation
- Hydrotreater
- Coker
- Alkylation
- Isomerization
- FCC Feed Hydrotreater
- Fluid Catalytic Cracker
- Catalytic Reformer
- Wastewater
- Utilities