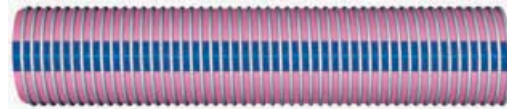


SPECIALTY HOSES

CODE 949020: UHMW COVERED CHEMIFLEX®

UPG, UPS, USG, USS



Chemiflex® is now available with an Ultra High Molecular Weight polyethylene cover. UHMW offers superior wear and impact resistance for the hoses exterior. High visibility purple offers easier identification in the field.

UHMW also offers excellent chemical resistance and is suitable for submersible pump and tank cleaning operations.

Typical applications: Chemical plants, paint producers, paper mills, tank truck deliveries, where high abrasion may take place.

Conveyants handled: Highly corrosive acids and alkalis, aldehydes, amines, aliphatics, aromatic fuels, chlorinated hydrocarbons, alcohols, esters, ketones, lacquers and petroleum products at rated discharge pressure or at full suction. Not recommended for service for many bromide, chloride or fluoride compounds. Refer to the Chemical Compatibility Chart for specific recommendations.

Features:

- Light weight – easy to handle
- Flexibility – even at very low temperatures
- Superior abrasion resistant UHMW cover
- Double end-to-end electrical continuity
- Rated for full vacuum or pressure applications

Inner Wire

- Polypropylene Coated Steel or T316 Stainless Steel

Outer Wire

- Galvanized Steel or T316 Stainless Steel

Carcass

- All polypropylene fabrics and films

Cover

- UHMW cover – super abrasion, UV and ozone resistant

Temperature Range

- -20°F(-30°C) to + 180°F(+82°C) (refer to Chemical Compatibility Chart)

Color

- Purple with a blue stripe

Couplings

- Externally swaged/crimped threaded nipples, flanges, quick couplings, female lugs

CODE 949020-CHEMIFLEX UPG, UPS, USG, USS

ID in (mm)	OD in (mm)	MAX WP* psi (bar)	MIN Bend Radius in (mm)	WEIGHT lb/ft (kg/m)	MAX LEN ft (m)
1 (25)	1½ (38)	200 (14)	4 (100)	0.6 (0.9)	60 (18)
1½ (38)	2 (50)	200 (14)	5 (125)	0.8 (1.2)	60 (18)
2 (50)	2½ (65)	200 (14)	7 (175)	1.2 (1.8)	75 (23)
3 (75)	3½ (88)	200 (14)	8 (200)	1.9 (2.9)	60 (18)
4 (100)	4½ (115)	150 (10.5)	12 (300)	2.7 (4.1)	60 (18)