



INTRODUCING

US Hose Corp TIFT Compoflex Chem-Master® Hose

Construction

- Latest addition to our **TIFT-Compoflex Composite hoses** for chemical transfer.
- Extra heavy weight polypropylene cast film liner.
- Liner is surrounded by multiple layers of chemical-resistant polypropylene fabrics and films with special 100% resistant aromatic vapor barrier layers in the hose wall.
- Available in working pressures of either 200 or 250 PSI, with color-coded stripe to differentiate.

End-Fittings

- Custom-made fittings available for every application. Available materials consist of carbon steel, T316 stainless steel, polypropylene, brass, and custom made specials with threaded, flanged, or quick-disconnect ends.

Applications

Chemical Transfer
Paint Transfers
Ink
Dye
Pigments
Solvents
Acids
Petroleum Products

Drumming
Tank Truck
Rail Car
Blending
Top Loading
Process Piping
Batch Processing
Storage Tank Transfer

Benefits

- Superior chemical resistance.
- Easily cleaned.
- Film liner allows for smoother, easier flow with less turbulence.
- Light weight.
- Flexible, even at low temperatures.
- Easily handled and user friendly.
- Available in 1" to 4" diameters.
- Hose style available in 200 and 250 PSI maximum working pressure with a minimum 4:1 safety factor.
- Lower cost alternative to hoses lined with Teflon®.
- Electrically continuous, prevents static electrical build-up and internal arcing.
- U.V., abrasion, and ozone resistant.
- Resistant to crushing and kinking.
- Full or partial vacuum rated.
- Long-term durability.
- Fatigue resistant.



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Specifications

ID in. (mm)	OD in. (mm)	MAX WP* psi (bar)	MIN BEND RADIUS in. (mm)	WEIGHT lb/ft (kg/m)	MAX LEN ft (m)
Chem-Master® • Code 967 • Sky blue with dark blue stripe.					
1 (25)	1-1/2 (38)	200 (14)	4 (100)	0.6 (0.9)	60 (18)
1-1/2 (38)	2 (50)	200 (14)	5 (125)	0.8 (1.2)	60 (18)
2 (50)	2-1/2 (65)	200 (14)	7 (175)	1.2 (1.8)	75 (23)
3 (75)	3-1/2 (88)	200 (14)	8 (200)	1.9 (2.9)	60 (18)
4 (100)	4-1/2 (115)	150 (10.5)	12 (300)	2.7 (4.1)	60 (18)
Chem-Master® • Code 968 • Sky blue with dark blue & orange stripe.					
1 (25)	1-1/2 (38)	250 (17.5)	4 (100)	0.6 (0.9)	60 (18)
1-1/4 (32)	1-3/4 (42)	250 (17.5)	5 (125)	0.75 (1.1)	50 (15)
1-1/2 (38)	2 (50)	250 (17.5)	5 (125)	1.0 (1.5)	60 (18)
2 (50)	2-1/2 (65)	250 (17.5)	6 (150)	1.5 (2.2)	75 (23)
2-1/2 (65)	3 (75)	250 (17.5)	7 (175)	2.1 (3.1)	60 (18)
3 (75)	3-1/2 (88)	250 (17.5)	8 (200)	2.3 (3.2)	60 (18)
4 (100)	4-1/2 (115)	200 (14.0)	13 (325)	3.0 (4.5)	60 (18)

*4:1 Minimum Safety Factor