

## CHEMICAL HOSES

### CODE 967 & CODE 968: CHEM-MASTER® PG, PS, SG, SS

A chemical transfer hose constructed from an extra heavy weight polypropylene cast film liner, the liner is surrounded by multiple layers of chemical resistant polypropylene fabrics and films with special 100% aromatic resistant barrier layers embedded in the hose wall. Chem-Master® is available as a 200psi or 250psi hose, see chart below.



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**Typical 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.

**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.

### Features:

- 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
- Lower cost alternative to hoses lined with PTFE
- Electrically continuous, prevents static electrical build-up and internal arcing
- U.V., abrasion, and ozone resistant outer cover
- Resistant to crushing and kinking
- Full or partial vacuum rated
- Long-term durability
- Fatigue resistant

### Inner Wire

- Polypropylene Coated Steel (T316 Stainless Steel available)

### Outer Wire

- Galvanized Steel (T316 Stainless Steel)

### Carcass

- All polypropylene fabrics and film barrier layers

### Cover

- Ozone, UV and abrasion resistant PVC cover

### Temperature Range

- -22°F(-30°C) to +212°F(+100°C) (refer to Chemical Compatibility Chart)

### Color

- Code 967: Sky blue with blue stripe, Code 968: Sky blue with dual orange and blue stripes

### Couplings

- Externally swaged/crimped: NPT threaded; fixed, floating, reducing flanges; cam-and-groove quick-disconnect couplings, female lugs supplied per order

### CODE 967: CHEM-MASTER® PGL

ID	OD	MAX WP*	MIN Bend Radius	WEIGHT	MAX LEN
in (mm)	in (mm)	psi (bar)	in (mm)	lb/ft (kg/m)	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)

### CODE 968: CHEM-MASTER® PG

1 (25)	1½ (38)	250 (17.5)	4 (100)	0.6 (0.9)	60 (18)
1½ (38)	2 (50)	250 (17.5)	5 (125)	1.0 (1.5)	60 (18)
2 (50)	2½ (65)	250 (17.5)	6 (150)	1.5 (2.2)	75 (23)
3 (75)	3½ (88)	250 (17.5)	8 (200)	2.3 (3.2)	60 (18)
4 (100)	4½ (115)	200 (14.0)	13 (325)	3.0 (4.5)	60 (18)

\*4:1 Minimum Safety Factor