

MARINEMASTER® HOSE

Marine Ship-to-Shore Hose

Polypropylene Series:

1151GG, 3161PG, 3164PS, 4161SG, 4164SS and 1154GS

Typical Applications:

- Ship-to-shore transfer
- Ship-to-ship transfer
- Portable pump and temporary pipeline
- Hazardous chemical transfer
- Petroleum, chemical and acid transfer applications

Fluoropolymer Series:

4171SG, 4174SS, 1171GG and 3222SS

Benefits and Features

- Manufactured in accordance to BS5842:1980
- Exceeds USCG requirements 33CFR 154.500
- Manufactured in accordance to EN:13765
- Extremely flexible and operator friendly
- Custom color available

NOMINAL ID IN. (MM)	NOMINAL OD IN. (MM)	MAX. WP PSI (BAR) HVY DUTY	MIN. BEND RADIUS IN. (MM)	TEMP. RATING	TEMP. RATING	WEIGHT LB/FT (KG/M)	MAX. LENGTH
				POLYPROPYLENE (°F)	FLUOROPOLYMER (°F)		
4" (100)	5" (125)	250 (17.5)	16 (400)	-22° to +212°	-22° to +212°	5.3 (8.0)	95
6" (150)	7" (175)	250 (17.5)	20 (500)	-22° to +212°	-22° to +212°	7.3 (11.0)	95
8" (200)	9 1/2" (250)	250 (17.5)	30 (762)	-22° to +212°	-22° to +212°	11.0 (16.5)	85
10" (250)	11.5" (288)	200 (17.5)	36 (900)	-22° to +212°	-22° to +212°	14.0 (21)	40

Nominal Dimensional Chart

* Depending on conveyant media

MAWP at 4:1 safety factor

VAPOR RECOVERY HOSE

Marine ship-to-shore Vapor Recovery Hose

Polypropylene Vapor Recovery Series:

1321GG, 3351PG, 1323G/P, 3354PS, 4321SG and 4324SS

Typical Applications:

- Marine vapor recovery
- Aggressive chemical vapor recovery
- Terminal vapor recovery
- Light duty general purpose transfer

Fluoropolymer Vapor Recovery Series:

1331G/G, 4331SG and 4334SS

Benefits and Features

- Exceeds U.S.C.G. 33 CFR 154.810, par. (d)
- Lightweight but durable for marine applications
- Long continuous lengths available 80-95 feet
- Ozone resistant bright yellow outer cover

NOMINAL ID IN. (MM)	NOMINAL OD IN. (MM)	MAX. WP PSI (BAR) HVY DUTY	MIN. BEND RADIUS IN. (MM)	TEMP. RATING	TEMP. RATING	WEIGHT LB/FT (KG/M)	MAX. LENGTH
				POLYPROPYLENE (°F)	FLUOROPOLYMER (°F)		
3" (75)	3-1/2" (88)	100 (7)	8 (200)	-22° to +180°	-22° to +212°	1.5 (2.3)	95
4" (100)	5" (125)	100 (7)	9 (225)	-22° to +180°	-22° to +212°	1.6 (2.4)	95
6" (150)	7" (175)	100 (7)	17 (425)	-22° to +180°	-22° to +212°	3.7 (5.0)	95
8" (200)	9 1/2" (250)	100 (7)	27 (675)	-22° to +180°	-22° to +212°	5.3 (8.0)	85
10" (250)	11.5" (288)	100 (7)	33 (825)	-22° to +180°	-22° to +212°	8.0 (12.0)	40
12" (300)	13.5" (338)	100 (7)	47.2 (1200)	-22° to +180°	-22° to +212°	17.0 (26.0)	33

Nominal Dimensional Chart

MAWP at 4:1 safety factor

Note:

Willcox vapor recovery hoses are manufactured to meet or exceed US Coast Guard requirements in Federal Register volume 33 CFR chapter 1, sub-titled "Vapor Recovery Connections" para. 154-810 dated 7.1.98. All vapor recovery hose is manufactured with a bright yellow cover and 2" VAPOR logo. Each are marked red/yellow/red on each end and flanges have .625 pilot holes on each end.

Notes:

- Fitting pressure rating may limit working pressure of an assembly.
- Increased operating temperatures will reduce working pressure of the hose.
- Above working pressures are @ 70° F or worldwide ambient temperatures.

Willcox Internal and External Wire Construction Identification

STYLE	INTERNAL WIRE	EXTERNAL WIRE
GG	Galvanized Steel	Galvanized Steel
PG	Black Polypropylene Coated	Galvanized Steel
PS	Black Polypropylene Coated	Stainless Steel
PP	Black Polypropylene Coated	Black Polypropylene Coated
SG	Stainless Steel	Galvanized Steel
SS	Stainless Steel	Stainless Steel

Visit www.ushosecorp.com for more Willcox product information, additional hose styles and applications

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