

Compatible for
Biodiesel and E85
Ethanol

WILLCOX HOSE
the vital connection

Petromaster® and Marinemaster® Alternative Fuel Hose

Petromaster Series:

1091GG Polypropylene
3091PG Polypropylene
4091SG Polypropylene
1124GG Fluoropolymer
4121SG Fluoropolymer

Marinemaster Series:

1151GG Polypropylene
4161SG Polypropylene
1171GG Fluoropolymer
4171SG Fluoropolymer

Temperature Ratings:

-20°F to +212°F (-20°C to +100°C)

*Temperature rating may vary depending upon chemical(s)
being transferred consult factory*



Construction:

Newer cleaner burning "green energy" alternative fuels like biodiesel derived from vegetable oils and E85 Ethanol produced from corn husk are now being added to current fuel supplies and refineries.

Unlike many rubber hose products that can degrade when exposed to these new alternative fuels the Willcox existing product line is more than capable of safely transferring these new alternative products.

Petromaster® and Marinemaster is available in either a Polypropylene or Fluoropolymer construction, is 100% aromatic and extremely flexible "user friendly". A variety of end fittings available in different grades of metals.

Special color-coded hose is available upon request...

Typical Applications

- Biodiesel/Ethanol transfer hose
- Blending and drumming
- Tank car and Railcar transfers
- Barge/vessel loading hose



Benefits and Features

- Compatible for Alternative Fuels
- Extremely flexible and user friendly
- Available from 1" through 10"
- 100% aromatic.

Willcox Petromaster & Marinemaster Hose Dimensional Data

Nominal ID in. (mm)	Nominal OD in. (mm)	Max. MAWP PSI (bar) Hvy. Duty	Min. Bend Radius in. (mm)	Weight lb/ft (kg/m)	Max. Length Feet
1" (25)	1-1/2" (38)	250 (17.5)	4 (100)	.6 (.9)	60-75
1-1/2" (38)	2" (50)	250 (17.5)	5 (125)	1.0 (1.5)	60-75
2" (50)	2-1/2" (65)	250 (17.5)	6 (150)	1.5 (2.2)	60-75
3" (75)	3-1/2" (88)	250 (17.5)	8 (200)	2.1 (3.1)	60-75
4" (100)	4-1/2" (115)	250 (17.5)	13 (325)	2.3 (3.2)	60-75
6" (150)	7" (175)	250 (17.5)	20 (500)	7.3 (11.0)	95
8.5" (200)	9.75" (250)	250 (17.5)	30 (762)	11.0 (16.5)	85
10" (250)	11.5" (288)	200 (17.5)	36 (900)	14.0 (21)	40

working pressure 4:1 safety factor

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Notes:

- Consult US Hose for chemical compatibility.
- For assemblies, pressure rating of fittings may be less than for the hose.
- Increased operating temperatures will reduce working pressure of the hose.
- Above working pressures are @ 70° F or worldwide ambient temperatures.

