

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.

