

LP GAS/PROPANE TANKMASTER

LP Gas/Propane Tankmaster is specifically designed for the transfer of LP Gas and propane between the docks and tankers. LP Gas/Propane is a high strength hose with a design safety factor of 5:1. This hose meets the NFPA-58 and USCG specifications of 46 CFR 38.15-5 for non-refrigerated transfer of compressed LP Gas and Propane to -20°F to +150°F temperatures. This hose features a string vented carcass to avoid blistering due to gas permeation. The neoprene cover resists abrasion, weathering and ozone.



Resistance:

Branding:
 Thermoid HBD Industries Inc.
 LP Gas/Propane – 350 WP
 Made In USA Date Code
 Warning Label

- Cover Color:** Black
- Oil Resistance:** High, Medium-High
- Construction:**
 - Tube:** Nitrile/Hydrin blend
 - Cover:** CR
 - Reinforcement:** Multiple synthetic textile cord plies with helix(es) wire. String vented carcass
- Temperature Range:** -20°F to +150°F
-29°C to +66°C
- Packaging:** 2" I.D. through 6" I.D. – 100 ft. maximum length
8" I.D. or larger, up to 60 ft. long
Hand built – \$250.00 minimum order per size

Product Number	Nominal I.D.		Nominal O.D.		Plies	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
11434602002▲	2	50.80	3.03	76.99	4	350	2.41	12.00	304.80	3.10	4.61
11434603002▲	3	76.20	4.16	105.57	4	350	2.41	18.00	457.20	3.70	5.51
11434604002▲	4	101.60	5.53	140.49	6	350	2.41	24.00	609.60	6.50	9.67
11434606002▲	6	152.40	7.63	193.68	6	350	2.41	36.00	914.40	11.70	17.41
11434608002▲	8	203.20	10.20	259.16	8	350	2.41	54.00	1371.60	19.30	28.72

*All sizes have 25 inches of mercury vacuum rating
 ▲ = Make To Order (MTO)

POLAR-FLEX/CGA TYPE 1 BUTANE-PROPANE – Thermocure

Polar-Flex is a cold weather hose specifically engineered for use in transferring liquefied petroleum gases at peak efficiency even in extreme sub-zero temperatures. Polar-Flex is ideal for moving propane or butane from bulk storage to tank cars or cylinders or from bobtails trucks to residential home storage tanks. Polar-Flex is UL 21 File MH12585 listed and is approved to CGA (Canadian Gas Association) Type 1 requirements. Polar-Flex also meets all hose and hose assembly requirements of the Canadian Gas Association (CSA). Polar-Flex is exceptionally flexible and resists abrasion. It is very easy to handle. It provides a constant working pressure of 350 psi. Polar-Flex has an oil resistant and flame-retardant cover. It is available in a wide range of sizes for your application requirements.



Resistance:

Branding:
 Thermoid Polar-Flex, CGA Type 1
 UL Listed LP Gas Hose Issue No.
 (Quarter) MH12585 350 PSI Max.
 WP Made In USA

- Cover Color:** Black
- Oil Resistance:** High, Medium-High
- Construction:**
 - Tube:** NBR, RMA Class A
 - Cover:** CM, RMA Class B
 - Reinforcement:** 2 and 4 spiral polyester yarn
- Temperature Range:** -50°F to +180°F
-46°C to +82°C
- Packaging:** Reels, *Coupled Lengths
1" I.D. can be ordered with coupled (M x M) Pro-Sur™ brass fittings. The D.O.T. test certificate is included
Hose assemblies tested/approved to 7/1/99 D.O.T reg. CGA approval on 1" I.D. assemblies only

Product Number	Nominal I.D.		Nominal O.D.		Reinforcement Spirals	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
22071161662▲	1/4	6.35	0.58	14.68	2	350	2.41	1.50	38.10	0.13	0.19
22071241662▲	3/8	9.53	0.69	17.46	2	350	2.41	2.25	57.15	0.16	0.24
22073321662▲	1/2	12.70	0.94	23.81	4	350	2.41	3.00	76.20	0.30	0.45
22073481662	3/4	19.05	1.25	31.75	4	350	2.41	4.50	114.30	0.43	0.64
22073641662	1	25.40	1.50	38.10	4	350	2.41	6.00	152.40	0.58	0.86

▲ = Make To Order (MTO)

Coupled, Male x Male with Thermoid® PRO SUR™ Brass Fittings

Product Number	Nominal I.D.		Lengths (feet)	Lengths (meters)
	(inches)	(mm)		
22073641101	1	25.40	100.00	30.48
22073641121	1	25.40	125.00	38.10