

Polar-Flex/CGA Type 1 Butane-Propane - Thermocure Hose



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.

- **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

Item #	Nominal I.D.	Nominal O.D.	Reinforcement Spirals	Working Pressure	Min. Bend Radius	Temperature Range
22071161662	1/4 in 6.35 mm	0.58 in 14.68 mm	2	350 psi 2.41 MPa	1.5 in 38.10 mm	-50 to 180 °F -46 to 82 °C
22071241662	3/8 in 9.53 mm	0.690 in 17.46 mm	2	350 psi 2.41 MPa	2.25 in 57.15 mm	-50 to 180 °F -46 to 82 °C
22073321662	1/2 in 12.7 mm	0.94 in 23.81 mm	4	350 psi 2.41 MPa	3 in 76.20 mm	-50 to 180 °F -46 to 82 °C
22073481662	3/4 in 19.05 mm	1 1/4 in 31.75 mm	4	350 psi 2.41 MPa	4.5 in 114.30 mm	-50 to 180 °F -46 to 82 °C
22073641662	1 in 25.4 mm	1 1/2 in 38.1 mm	4	350 psi 2.41 MPa	6 in 152.40 mm	-50 to 180 °F -46 to 82 °C
22073641101	1 in 25.4 mm	N/A	4	350 psi 2.41 MPa	6 in 152.40 mm	-50 to 180 °F -46 to 82 °C
22073641121	1 in 25.4 mm	N/A	4	350 psi 2.41 MPa	6 in 152.40 mm	-50 to 180 °F -46 to 82 °C
22073641151	1 in 25.4 mm	N/A	4	350 psi 2.41 MPa	6 in 152.40 mm	-50 to 180 °F -46 to 82 °C

Type 65 Butane-Propane Hose



Type 65 Butane-Propane hose is designed for use to transfer LP Gas from bulk storage to tank cars or cylinders. This hose features a black neoprene cover that is oil resistant and also resists snagging, abrasion and weather. This hose is lightweight and flexible. All sizes have a flexible static wire. Meets all UL requirements. The 1 1/2" size meets CAN/CGA-8.1-M86, Type 1. The high tensile cord reinforcement is designed for a minimum burst of 1750 psi.

- **Note** : Do not use reusable couplings with this product. This hose is intentionally pin-pricked for safety reasons. Type 65 Butane-

Propane hose must be used in an open, well-ventilated environment. Not recommended for use with natural gas or propylene.

- **Cover Color** : Black
- **Oil Resistance** : High, Medium-High
- **Construction** :
 Tube : CR
 Cover : CR
 Reinforcement : High tensile cord
- **Temperature Range** : -40°F to +180°F (-40°C to +82°C)

Item #	Nominal I.D.	Nominal O.D.	Plies	Working Pressure	Min. Bend Radius	Temperature Range
17814605	1 1/4 in 31.75 mm	1.81 in 46.04 mm	4	350 psi 2.41 MPa	8 in 203.20 mm	-40 to 180 °F -40 to 82 °C
17814610	1 1/2 in 38.1 mm	2.19 in 55.56 mm	4	350 psi 2.41 MPa	9 in 228.60 mm	-40 to 180 °F -40 to 82 °C
17814615	2 in 50.8 mm	2 3/4 in 69.85 mm	4	350 psi 2.41 MPa	12 in 304.80 mm	-40 to 180 °F -40 to 82 °C