

# Specialty Hoses



**Transporter® Hot Tar and Asphalt Hose**

Transporter Hot Tar and Asphalt hose has been designed to handle the transfer of hot asphaltic materials between trucks, rail transport cars, storage tanks and disposing units. The specially compounded neoprene tube and cover are exceptionally heat resistant (tube to +350°F) as well as being strong and durable. The spiral synthetic cord and helical wire reinforcement allow this hose to work at 150 psi.

- **Cover Color :** Black
- **Oil Resistance :** Medium

- **Construction :**  
**Tube :** CR, suitable to +350°F  
**Cover :** CR  
**Reinforcement :** Spiral synthetic cord with spiral helix (es) inserted
- **Temperature Range :** -20°F to +350°F (-29°C to +177°C)

Item #	Nominal I.D.	Nominal O.D.	Reinforcement Spirals	Working Pressure	Min. Bend Radius	Temperature Range
17771515002	1 1/2 in 38.1 mm	2.13 in 53.98 mm	2	150 psi 1.03 MPa	6 in 152.40 mm	-20 to 350°F -29 to 177°C
17771520002	2 in 50.8 mm	2.63 in 66.68 mm	2	150 psi 1.03 MPa	8 in 203.20 mm	-20 to 350°F -29 to 177°C
17771525002	2 1/2 in 63.5 mm	3.19 in 80.96 mm	2	150 psi 1.03 MPa	10 in 254 mm	-20 to 350°F -29 to 177°C
17771530002	3 in 76.2 mm	3 3/4 in 95.25 mm	2	150 psi 1.03 MPa	14 in 355.60 mm	-20 to 350°F -29 to 177°C
17771540002	4 in 101.6 mm	4 3/4 in 120.65 mm	2	150 psi 1.03 MPa	18 in 457.20 mm	-20 to 350°F -29 to 177°C

**Elephant Trunk Hose**

The recommended use for Elephant Trunk hose is for gravity flow transfer of dry bulk materials. This hose features SBR/NR tube and SBR/EPDM cover compound with a two ply nylon cord reinforcement. This combination allows this hose to be lightweight and flexible. Other benefits include resistance to moisture absorption, weathering, aging and sun-checking.

- **Cover Color :** Black
- **Oil Resistance :** Limited
- **Construction :**  
**Tube :** SBR/NR - 1/8" thick  
**Cover :** SBR/EPDM - 1/32" thick  
**Reinforcement :** Nylon cord
- **Temperature Range :** -40°F to +160°F (-40°C to +71°C)

Item #	Nominal I.D.	Nominal O.D.	Plies	Working Pressure	Temperature Range
11474600502	4 in 101.6 mm	4.44 in 112.71 mm	2	15 psi 0.10 MPa	-40 to 160°F -40 to 71°C
11474602502	5 in 127.0 mm	5.44 in 138.11 mm	2	15 psi 0.10 MPa	-40 to 160°F -40 to 71°C

Item #	Nominal I.D.	Nominal O.D.	Plies	Working Pressure	Temperature Range
11474603502	6 in 152.4 mm	6.44 in 163.51 mm	2	15 psi 0.10 MPa	-40 to 160°F -40 to 71°C
11474604502	6 5/8 in 168.28 mm	7.06 in 179.39 mm	2	15 psi 0.10 MPa	-40 to 160°F -40 to 71°C
11474605502	8 in 203.2 mm	8.44 in 214.31 mm	2	15 psi 0.10 MPa	-40 to 160°F -40 to 71°C
11474606502	8 5/8 in 219.08 mm	9.06 in 230.19 mm	2	15 psi 0.10 MPa	-40 to 160°F -40 to 71°C
11474607502	10 in 254 mm	10.44 in 265.11 mm	2	15 psi 0.10 MPa	-40 to 160°F -40 to 71°C
11474608502	10 3/4 in 273.05 mm	11.19 in 284.16 mm	2	15 psi 0.10 MPa	-40 to 160°F -40 to 71°C
11474609502	12 in 304.8 mm	12.44 in 315.91 mm	2	15 psi 0.10 MPa	-40 to 160°F -40 to 71°C
11474610502	12 3/4 in 323.85 mm	13.19 in 331.79 mm	2	15 psi 0.10 MPa	-40 to 160°F -40 to 71°C
11474612502	14 in 355.60 mm	14.44 in 366.71 mm	2	15 psi 0.10 MPa	-40 to 160°F -40 to 71°C
11474614502	16 in 406.40 mm	16.44 in 417.51 mm	2	15 psi 0.10 MPa	-40 to 160°F -40 to 71°C
11474618502	18 in 457.20 mm	18.44 in 468.31 mm	2	15 psi 0.10 MPa	-40 to 160°F -40 to 71°C
11474619502	20 in 508.00 mm	20.44 in 519.11 mm	2	15 psi 0.10 MPa	-40 to 160°F -40 to 71°C
11474620502	24 in 609.60 mm	24.56 in 623.89 mm	2	15 psi 0.10 MPa	-40 to 160°F -40 to 71°C
11474621502	26 in 660.40 mm	26.44 in 671.51 mm	2	15 psi 0.10 MPa	-40 to 160°F -40 to 71°C

**Flightmaster® Jac Risor Hose**



Flightmaster Jac Risor hose is recommended for the application (s) of a flexible connector used on a risor platform of refueling trucks. The construction of this hose meets NFPA 407, 2001 specifications.

- **Cover Color :** Black

- **Oil Resistance :** High
- **Construction :**  
**Tube :** NBR  
**Cover :** CR, static dissipating  
**Reinforcement :** Four synthetic plies with a dual wire helix (es)
- **Temperature Range :** -22°F to +131°F (-30°C to +55°C)

Item #	Nominal I.D.	Nominal O.D.	Plies	Working Pressure	Min. Bend Radius	Temperature Range
17816053002	3 in 76.2 mm	3.94 in 100.01 mm	4	300 psi 2.07 MPa	15 in 381.00 mm	-22 to 131 °F -30 to 55 °C
17816011002	4 in 101.6 mm	4.94 in 125.41 mm	4	300 psi 2.07 MPa	20 in 508 mm	-22 to 131 °F -30 to 55 °C

**Furnace Door (Wire Braid) Hose**



Furnace Door hose is used as a water cooling hose on open hearth steel mill furnaces. This hose is so light and flexible, only one person is required when changing out this hose. Furnace Door hose features reinforcement braids of high-tensile carbon steel wire with a heat resistant textile layer. This combination provides an insulating layer against severe external heat. The flexible braid of stainless steel used for the cover of this hose is designed to prevent the build-up of metal spattering. This cover also resists the tendency for molten metal to cling to the hose.

- **Cover Color :** Black
- **Oil Resistance :** Limited
- **Construction :**  
**Tube :** EPDM  
**Cover :** Flexible braid of stainless steel wire  
**Reinforcement :** One braid of high-tensile carbon steel wire
- **Temperature Range :** -40°F to +600°F (-40°C to +315°C)

Item #	Nominal I.D.	Nominal O.D.	Reinforcement Spirals	Working Pressure	Min. Bend Radius	Temperature Range
01164461502	1 in 25.4 mm	1.69 in 42.86 mm	3	250 psi 1.72 MPa	8 in 203.20 mm	-40 to 600 °F -40 to 315 °C
01164462502	1 1/4 in 31.75 mm	1.88 in 47.63 mm	3	250 psi 1.72 MPa	10 in 254 mm	-40 to 600 °F -40 to 315 °C
01164463502	1 1/2 in 38.1 mm	2.13 in 53.98 mm	3	250 psi 1.72 MPa	12 in 304.80 mm	-40 to 600 °F -40 to 315 °C
01164464502	2 in 50.8 mm	2.63 in 66.68 mm	3	250 psi 1.72 MPa	16 in 406.40 mm	-40 to 600 °F -40 to 315 °C

**Blast-Flex™ Sand Blast Hose**



Blast-Flex Sand Blast hose has been engineered to handle the cleaning, cutting or finishing stone, glass and metal surfaces. This hose will conduct sand, steel, shot or other sharp abrasives at high velocity. Blast-Flex features a 1/4" thick, SBR/NR tube that resists abrasion in sandblast service. The static-conducting properties of this hose prevent the build-up of electrical charges. The black SBR/EPDM cover resists abrasions, cuts and snags. The reinforcement of four spiral plies of heavy fabric resists collapsing and kinking when the hose is bent. The larger sizes of Blast-Flex are reinforced with heavier weight fabric for added strength.

- **Cover Color :** Black
- **Oil Resistance :** Limited

- **Construction :**  
**Tube :** SBR/NR, 1/4" thick  
**Cover :** SBR/EPDM  
**Reinforcement :** Multiple plies of heavy fabric
- **Temperature Range :** -40°F to +160°F (-40°C to +71°C)

Item #	Nominal I.D.	Nominal O.D.	Plies	Working Pressure	Temperature Range
17776010502	3/4 in 19.05 mm	1 1/2 in 38.1 mm	4	150 psi 1.03 MPa	-40 to 160 °F -40 to 71 °C
17776015502	1 in 25.4 mm	1.88 in 47.63 mm	4	150 psi 1.03 MPa	-40 to 160 °F -40 to 71 °C
17776025502	1 1/4 in 31.75 mm	2.16 in 54.77 mm	4	150 psi 1.03 MPa	-40 to 160 °F -40 to 71 °C
17776035502	1 1/2 in 38.1 mm	2.38 in 60.33 mm	4	150 psi 1.03 MPa	-40 to 160 °F -40 to 71 °C
17776040502	2 in 50.8 mm	2.88 in 73.03 mm	4	100 psi 0.69 MPa	-40 to 160 °F -40 to 71 °C
17776045502	2 1/2 in 63.5 mm	3.41 in 86.52 mm	4	100 psi 0.69 MPa	-40 to 160 °F -40 to 71 °C
17776050502	3 in 76.2 mm	3.91 in 99.22 mm	4	100 psi 0.69 MPa	-40 to 160 °F -40 to 71 °C

### Wrapped Sand Blast Hose



Wrapped Sand Blast hose has been engineered to handle the cleaning, cutting or finishing stone, glass and metal surfaces. This hose will conduct sand, steel, shot or other sharp abrasives at high velocity. Wrapped Sand Blast features a 1/4" thick, SBR/NR tube that resists abrasion in sandblast service. The static-conducting properties of this hose prevent the build-up of electrical charges. The black SBR/EPDM cover resists abrasions, cuts and snags. The reinforcement of four spiral plies of heavy fabric resists collapsing and kinking when the hose is bent. The larger sizes of Wrapped Sand Blast are reinforced with heavier weight fabric for added strength.

- **Cover Color :** Black
- **Oil Resistance :** Limited
- **Construction :**  
**Tube :** SBR/NR, 1/4" thick  
**Cover :** SBR/EPDM  
**Reinforcement :** Multiple plies of heavy fabric

Item #	Nominal I.D.	Nominal O.D.	Plies	Working Pressure	Weight
21224407502	1/2 in 12.7 mm	1.19 in 30.16 mm	4	150 psi 1.03 MPa	0.50 lb/ft 0.74 kg/m
21224400502	3/4 in 19.05 mm	1 1/2 in 38.1 mm	4	150 psi 1.03 MPa	0.70 lb/ft 1.04 kg/m
21224401502	1 in 25.4 mm	1.88 in 47.63 mm	4	150 psi 1.03 MPa	1.00 lb/ft 1.49 kg/m
21224402502	1 1/4 in 31.75 mm	2.16 in 54.77 mm	4	150 psi 1.03 MPa	1.20 lb/ft 1.79 kg/m
21224403502	1 1/2 in 38.1 mm	2.38 in 60.33 mm	4	150 psi 1.03 MPa	1.30 lb/ft 1.93 kg/m
21224404502	2 in 50.8 mm	2.88 in 73.03 mm	4	100 psi 0.69 MPa	1.70 lb/ft 2.53 kg/m

### Furnace Door Coolant Hose



#### Application

- To convey cooling water to furnace doors in steel mills, glass plants, foundries, or where the hose is subjected to high temperatures and splashes of white-hot molten metals or glass.
- **Cover**
- Heat resistant tan EPDM, non-conductive resin-coated dust free fiberglass cover.

- **Reinforcement**
- High tensile textile cords.
- **Tube**
- White non-conductive EPDM rubber.

Item #	Nominal I.D.	Nominal O.D.	Working Pressure	Temperature Range	Cover Temperature Range
T957LL075	3/4 in 19.0 mm	1.30 in 33.0 mm	150 psi	-40 to 248 °F	-40 to 1000 °F
T957LL100	1 in 25 mm	1.54 in 39 mm	150 psi	-40 to 248 °F	-40 to 1000 °F
T957LL125	1 1/4 in 32 mm	1.89 in 48 mm	150 psi	-40 to 248 °F	-40 to 1000 °F
T957LL150	1 1/2 in 38 mm	2.13 in 54 mm	150 psi	-40 to 248 °F	-40 to 1000 °F
T957LL200	2 in 51 mm	2.64 in 67 mm	150 psi	-40 to 248 °F	-40 to 1000 °F