



**HYDROCARBON HOSES**

**CODE 901/401: BOTTOM LOADING HOSE**

BOTTOM LOADING HOSES are designed for production refinery and bulk distribution facilities in bottom loading operations.

**Typical applications:** Bottom loading at production refineries and bulk distribution terminals. Suitable for all hose loading arms.

**Conveyants handled:** Light distillates – gasoline, diesel fuel, paraffin, kerosene and 100% aromatics, MTBE (methyl tert-butyl ether) and MEK (methyl ethyl ketone). Also suitable for heavier lubricants. Not recommended for corrosive and aggressive chemicals. Refer to the Chemical Compatibility Chart for specific recommendations.

**Features:**

- Complete product compatibility – for safe handling of all types refined hydrocarbons
- Light and easy to handle – even at low temperatures
- Stays flexible under charge
- Fatigue resistant – doesn't collapse in regular use
- Mobility for easy connect/disconnect
- Safe and dependable – tested to industry standard 1½ times rated working pressure
- Double end-to-end electrical continuity – prevents static electricity build-up and internal arcing
- Flame retardant cover available on request

<b>Inner Wire</b>	• Galvanized Steel
<b>Outer Wire</b>	• Galvanized Steel
<b>Carcass</b>	• Aromatic resistant barrier layers with multiple layers of polypropylene fabric and film
<b>Cover</b>	• Abrasion-resistant PVC-impregnated fabric
<b>Temperature Range</b>	• -22°F(-30°C) to +212°F(+100°C) (refer to Chemical Compatibility Chart)
<b>Color</b>	• Black, red, blue, light green – other API colors available – with blue stripe
<b>Couplings</b>	• Fixed or floating TTMA flanged ends. Straight or 90 degree elbows available, in carbon or Stainless Steel

**Note:** For 901/401 Bottom Loading Hose measure the lengths as either “pressurized” or “empty” . The effect of elongation must be calculated in order to produce the correctly manufactured length and price.

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ID in (mm)	OD in (mm)	MAX WP* psi (bar)	MIN Bend Radius in (mm)	WEIGHT lb/ft (kg/m)	MAX LEN ft (m)
3 (75)	3½ (88)	200 (14)	8 (200)	2.3 (3.5)	Custom
4 (100)	4½ (115)	200 (14)	13 (325)	3.0 (4.5)	Custom

\*4:1 safety factor