

TIFT-Compoflex Composite Hose Products

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



Inner Wire

- Galvanized Steel

Outer Wire

- Galvanized Steel

Carcass

- Aromatic resistant barrier layers with multiple layers of polypropylene fabric and film

Cover

- Abrasion-resistant PVC-impregnated fabric

Temperature Range

- -22°F(-30°C) to +212°F(+100°C) (refer to Chemical Compatibility Chart)

Color

- Black, Red, Blue, Light Green – other API colors available – with blue stripe

Couplings

- Fixed or floating TTMA flanged ends. Straight or 90 degree elbows available, in carbon or Stainless Steel.

Code 901/401 – BOTTOM LOADING HOSE:

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