

TIFT-Compoflex Composite Hose Product

MARINE HOSES (HYDROCARBON HOSES)

Code 982: HEAVY DUTY OILMASTER

HEAVY DUTY OILMASTER hoses are designed for dockside and marine terminal transfer of fuels, lubricants and aromatics at rated discharge or at full suction. Meet IMO, BCH, IBC codes and current USCG regulations.

Typical applications: Ideal hose for loading and unloading barges, tankers, bunkering service and other dockside operations at marine terminals. Spiral-wound inner and outer wires provide strength and flexibility to maintain hose integrity under stress and strain of ship and barge movement.

Compliance: IMO type approval for working temperatures $-4^{\circ}\text{F}(-20^{\circ}\text{C})$ to $+140^{\circ}\text{F}(+60^{\circ}\text{C})$ and pressure to 150 psi (10.5 bar)

Conveyants handled: Gasoline, diesel fuel, paraffin, kerosene, lubricating oils and 100% aromatics as well as black oils and heavy lubricants and solvents. Rated "suitable" for MTBE (methyl tert-butyl ether) at ambient temperature (see Heavy Duty MTBE-Master, p.16). 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 of oil-based, 100% aromatics and other non-aggressive chemicals
- Retains Flexibility – even at very low temperatures
- Tough PVC outer cover – resists dragging wear and abrasion
- Safe and dependable – tested to industry standard 1½ times rated working pressure required by USCG
- Designed, for type approval, to a burst pressure 5 times rated working pressure throughout working temperature range
- Double end-to-end electrical continuity – prevents static electricity build-up and internal arcing

Inner Wire

Outer Wire

Carcass

Cover

Temperature Range

Color

Couplings

- Galvanized Steel
- Galvanized Steel
- Multiple layers of Polypropylene fabric, film and polyester barrier layers
- Abrasion-resistant PVC-impregnated fabric
- $-22^{\circ}\text{F}(-30^{\circ}\text{C})$ to $+212^{\circ}\text{F}(+100^{\circ}\text{C})$ (refer to Chemical Compatibility Chart)
- Blue with blue stripe
- Externally swaged nipples; fixed, floating or reducing flanges and cam-and-groove couplers

Code 982 – HEAVY DUTY OILMASTER:

| ID in(mm) | OD in(mm) | MAX WP * psi(bar) | MAX WP ** psi(bar) | MIN Bend Radius in(mm) | WEIGHT lb/ft (kg/m) | MAX LEN ft(m) |
|--------------|--------------|----------------------|-----------------------|---------------------------|------------------------|------------------|
| 4 (100) | 5 (125) | 250 (17.5) | 200 (14) | 16 (400) | 5.3 (8.0) | 60 (18) |
| 6 (150) | 7 (175) | 250 (17.5) | 200 (14) | 20 (500) | 7.3 (11.0) | 60 (18) |
| 8 (200) | 9½ (238) | 250 (17.5) | 200 (14) | 29 (725) | 11.0 (16.5) | 50 (15) |
| 10 (250) | 11½ (288) | 200 (14) | 150 (10.5) | 36 (900) | 14.0 (21) | 40 (12) |

* 4:1 safety factor

** 5:1 safety factor