

TIFT-Compoflex Composite Hose Products

HYDROCARBON HOSES

Code 901: HEAVY DUTY FUELMASTER

HEAVY DUTY FUELMASTER hoses are appropriate for transfer of conveyants from storage tanks, process piping or loading arms to rail cars and tank trucks.

Typical applications: Ideal for transfer from storage tanks, process piping or loading arms to rail car or tank truck, tank-to-process handling and manifolding/batching

Conveyants handled: Light distillates – gasoline, diesel fuel, paraffin, kerosene and 100% aromatics as well as black oils and heavy 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 of hydrocarbon conveyants, 100% aromatics and other non-aggressive chemicals and solvents
- Durable – easy to handle
- 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
- Double end-to-end electrical continuity – prevents static electricity build-up and internal arcing



Inner Wire	• Galvanized steel
Outer Wire	• Galvanized steel
Carcass	• Multiple layers of Polypropylene fabric, film and polyester barrier layer
Cover	• Abrasion-resistant PVC-impregnated fabric
Temperature Range	• -22°F(-30°C) to +212°F(+100°C) (refer to Chemical Compatibility Chart)
Color	• Black with blue stripe
Couplings	• Externally swaged: NPT threaded; fixed floating, reducing flanges; cam-and-groove quick-disconnect couplings, female lugs supplied per order.

Code 901 – HEAVY DUTY FUELMASTER:

ID in(mm)	OD in(mm)	MAX WP * psi(bar)	MIN Bend Radius in(mm)	WEIGHT lb/ft (kg/m)	MAX LEN ft(m)
1 (25)	1½ (38)	250 (17.5)	4 (100)	0.6 (0.9)	60 (18)
1½ (38)	2 (50)	250 (17.5)	5 (125)	1.0 (1.5)	60 (18)
2 (50)	2½ (65)	250 (17.5)	6 (150)	1.5 (2.3)	60 (18)
2½ (65)	3 (75)	250 (17.5)	7 (175)	2.1 (3.1)	60 (18)
3 (75)	3½ (88)	250 (17.5)	8 (200)	2.3 (3.5)	60 (18)
4 (100)	4½ (115)	200 (14)	13 (325)	3.0 (4.5)	60 (18)

* 4:1 safety factor