



HYDROCARBON HOSES

CODE 944/002: CHEMIFLEX® 25 VAPOR RECOVERY HOSE

CODE 944: CHEMIFLEX® 25 MARINE VRH

GG, PG, SG, SS AND XX-F

CHEMIFLEX® 25 VRH hoses are used for the recovery of volatile hydrocarbon vapors in rail car, truck unloading and in marine terminal applications.

Typical applications: 3" and 4" hoses are specifically designed for compliance with EPA Stage 1 requirements for recovering VOC vapors in rail car or tank truck loading at bulk terminals and unloading at gas stations. Chemiflex® 25 in larger diameters are specifically designed to meet and exceed the requirements of The United States Coast Guard regulations of marine vapor recovery, 33 CFR Section 154.810, Vapor Line Connections. Chemiflex® 25 can recover hydrocarbon and other light VOC's during ship and barge loading at bulk storage terminals, refineries and other plant operations in a marine environment.

Vapors handled: Hydrocarbons and 100% aromatics

Features:

- Lightweight – easy to handle
- Excellent resistance to kinking or crushing
- Long-term durability
- Very flexible at low temperatures
- Abrasion resistant – stands up to dragging
- Double end-to-end electrical continuity – prevents static electricity build-up and internal arcing
- Rated for full vacuum
- Special short length, light weight couplings are used

Inner Wire

- Galvanized Steel

Outer Wire

- Galvanized Steel

Carcass

- Polypropylene bore fabric with multiple aromatic resistant film layers and reinforced fabric

Cover

- Abrasion-resistant PVC-impregnated fabric

Temperature Range

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

Color

- Yellow with a yellow stripe

Couplings

- Externally swaged/crimped nipples, flanges and threaded; quick couplers & victaulic fittings; supplied per order

Options

- PTFE lined with SS inner wire for aggressive chemical vapors and version for sewer by-pass back up systems

CODE 944/002 - CHEMIFLEX® 25 VRH:

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)	7 (175)	1.8 (2.7)	60 (18)
4 (100)	4½ (115)	150 (10.5)	10 (250)	2.5 (3.8)	60 (18)

CODE 944 - CHEMIFLEX® 25 MARINE VRH:

ID in (mm)	OD in (mm)	MAX WP* psi (bar)	MIN Bend Radius in (mm)	WEIGHT lb/ft (kg/m)	MAX LEN ft (m)
6 (150)	7 (175)	110 (7.6)	17 (425)	3.7 (5.0)	66 (20)
8 (200)	9½ (238)	110 (7.6)	27 (675)	5.3 (8.0)	55 (17)
10 (250)	11½ (288)	110 (7.6)	33 (825)	8.0 (12.0)	40 (12)

*4:1 safety factor