



Vapor Recovery Composite Hose Type 464

Applications

This type is recommended for use with vapor recovery systems in tanktruck, bottom loading and ship to shore applications. This type is recommended for use by light chemicals as well for hydrocarbon vapor. A stainless steel outer wire is available for applications which include a corrosive environment.

Technical description

Inner lining	: Polypropylene
Inner Wire	: Stainless Steel 316
Outer Wire	: SGP464 Galvanized Steel SSP464 Stainless Steel 304 or 316
Cover	: PVC coated Nylon, Yellow
Temperature range	: -30°C to + 80°C
Electrical properties	: Electrically conductive
According Standard	: EN13765:2010, Type 1
Complies with	: IMO IBC code

Physical properties

Maximum elongation	: 10% on test pressure
Vacuum range	: 0,5 bar



End Fittings

Specially designed end fittings have been developed for use with United Flexible Composite hoses, including threaded ends, flanged ends and other connections. By means of a hydraulic operated press, a ferrule is externally swaged onto the hose to secure the hose shank and guarantee a leak proof connection between hose and fitting. All ferrules are welded to the end fitting before swaging for even safer operating conditions.

TECHNICAL DATA: TYPE SGF446/ SSF446									
Inside Diameter		Working Pressure		Min. Bend Radius		Approx Weight		Maximum Length	
Inches	mm	PSI	Bar	Inches	mm	Ib/ft	kg/m	Feet	Meters
2	50	100	7	5	125	1.00	1.50	65	20
3	80	100	7	7	175	1.75	2.60	65	20
4	100	100	7	11	275	2.55	3.80	65	20
5	120	100	7	14	360	3.05	4.50	65	20
6	150	100	7	16	410	3.60	5.30	79	24
8	200	100	7	22	560	8.05	11.90	65	20
10	250	100	7	30	760	10.35	15.30	50	15

Pressure based on safety factor 5:1