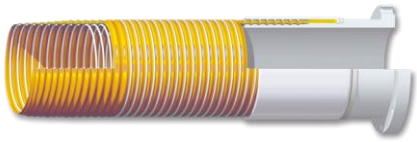
Vapor Recovery Composite Hose 446

Applications

This type is recommended for use with vapor recovery systems in tank-truck, bottom loading and ship to shore applications. This type is recommended for aggressive chemical vapors and version for sewer bypass back up system.



Technical description

Lining	: PTFE
Inner Wire	: Stainless Steel 316
Outer Wire	: SGF446 Galvanized Steel SSF446 Stainless Steel 304 or 316
Cover	: PVC coated Nylon, Abrasion, UV and ozone resistant, Yellow
Temperature range	: -30°C to + 100°C (-22°F to + 212°F)
Electrical properties	: Electrically conductive
Standard	: EN13765:2018, 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 Amniflex 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		Max. length	
inches	mm	psi	bar	inches	mm	lbs/ft	kg/m	ft.	m
1	25	58	4	3 ¾	94	0,75	1,13	65	20
2	50	58	4	5	125	1,00	1,50	65	20
3	80	58	4	4	175	1,75	2,60	65	20
4	100	58	4	5 ¼	275	2,55	3,80	65	20
6	150	58	4	6 ½	410	3,60	5,30	79	24
8	200	58	4	7 ½	560	8,05	11,90	65	20
10	250	58	4	9 ½	760	10,35	15,30	50	15

Safety factor: according to EN 13765

All information in this document is without any obligation, specifications subject to change without any notice.

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