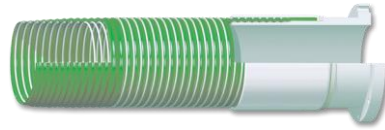


Chemiflex® Composite Hose Type 415



Applications

This type is recommended for multi chemical transfer service in heavy duty marine operations where the strength of a stainless steel 316 inner wire is desired. It is, for example, suitable for use as a dock, barge, and ship transfer hose, in chemical plants, refineries and paint producers and is also available with a stainless steel outer wire for applications which include a corrosive environment.

Technical description

Lining: Polypropylene
 Inner wire: Stainless Steel 316
 Outer wire: SGP415 Galvanized Steel
 SSP415 Stainless Steel 304 or 316
 Cover: PVC coated Nylon, Abrasion, UV and ozone resistant, green temperature
 Range: -30°C to + 80°C (-22°F to + 176°F)
 Electrical properties: Electrically Conductive standard : EN13765:2010 Type 3
 Complies with: IMO IBC code
 Approval: ClassNK Certificate NO. TA11773E(AL)

Physical properties

Maximum elongation : 10% on test
 Pressure vacuum range : 0,9 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 SGP415 AND SSP415									
Inside Diameter		Working Pressure		Min. Bend Radius		Approx Weight		Maximum Length	
Inches	mm	PSI	Bar	Inches	mm	lb/ft	kg/m	Feet	Meters
1	25	200	14	4	100	0.80	1.10	65	20
1½	40	200	14	5¼	130	0.95	1.40	65	20
2	50	200	14	6½	165	1.35	2.00	65	20
2½	65	200	14	7½	185	1.80	2.70	65	20
3	80	200	14	9½	240	2.15	3.20	65	20
4	100	200	14	14½	360	3.25	4.80	65	20

Pressure based on safety factor 5:1

All information in this document is without any obligation, dimensions and weight are approximate only and the specifications are subject to change without any notice.

