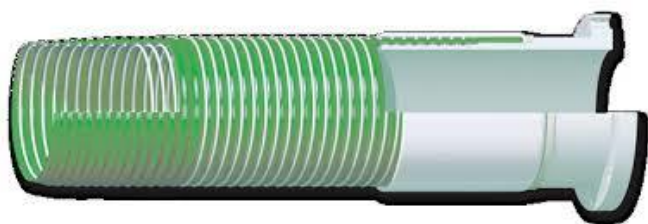


Chemiflex® Composite Hose Type 414



Applications

This type is recommended for multi chemical transfer service where the strength and chemical resistance of a stainless steel inner wire is required. A stainless steel outer wire is available for applications which include a corrosive environment.

Technical description

Lining : Polypropylene

Inner Wire : Stainless Steel 316

Outer Wire : SGP414 Galvanized Steel

SSP414 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 2

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 these 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 SGP434 AND SSP434

Inside Diameter		Working Pressure		Min. Bend Radius		Approx. Weight		Maximum Length	
Inches	mm	PSI	Bar	Inches	mm	lb/ft	kg/m	Feet	Meters
3	80	200	14	11	280	2.50	3.70	65	20
4	100	200	14	16	400	4.40	6.50	65	20
5	125	200	14	18	460	5.80	8.60	65	20
6	150	200	14	20	500	7.00	10.50	79	24
8	200	200	14	29	740	12.00	18.00	65	20
10	250	150	10	36	920	15.00	23.00	50	15

Pressure based on safety factor 5:1

* 10" = Type 2

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.