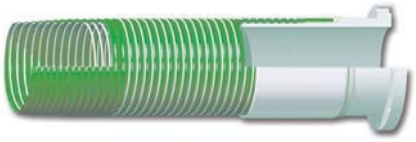

Chemiflex® Composite Hose Type 414

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 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 SGP414, SSP414									
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	**150**	**10**	4	100	0.65	1.00	65	20
1½	40	**150**	**10**	5¼	130	0.85	1.25	65	20
2	50	**150**	**10**	6½	165	1.20	1.80	65	20
2½	65	**150**	**10**	7½	185	1.70	2.50	65	20
3	80	**150**	**10**	9½	240	2.00	3.00	65	20
4	100	**150**	**10**	14½	360	3.00	4.50	65	20

Pressure based on safety factor 5:1