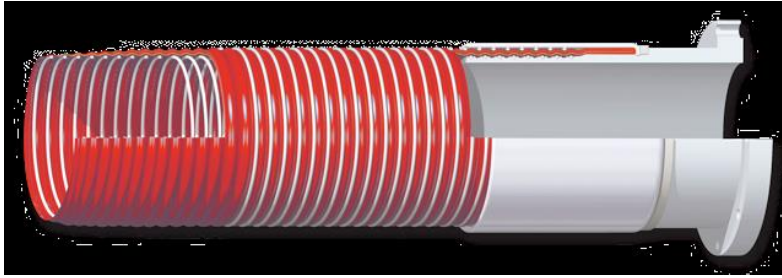


**Chemiflex® Composite Hose Type 454**



**Applications**

This type is recommended for very heavy duty marine transfer service where the chemical and mechanical resistance of Hostaflon lining is required. It is designed to handle liquid chemicals and acids not compatible with standard heavy duty polypropylene hoses and is suitable for dock, barge and ship transfer applications. A stainless steel outer wire is available for applications which include a corrosive environment.

**Technical description**

Lining : Hostaflon  
 Inner Wire : Stainless Steel 316  
 Outer Wire : SSH454 Stainless Steel 304 or 316 / SGH454 Galvanized Steel  
 Cover : PVC coated Nylon, Abrasion, UV and Ozone resistant, Red  
 Temperature range : -30°C to + 100°C (-22°F to + 212°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 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
1	25	200	14	4	100	0.80	1.10	65	20
1.5	40	200	14	5.25	130	0.95	1.40	65	20
2	50	200	14	6.5	165	1.35	2.00	65	20
2.5	65	200	14	7.5	185	1.80	2.70	65	20
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