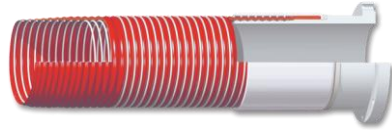


## Chemiflex® Composite Hose Type 454



### Applications

This type is recommended for very heavy duty marine transfer service where the chemical and mechanical resistance of Hostaflox® 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: Hostaflox®  
 Inner wire: Stainless Steel 316  
 Outer wire: SGH454 Galvanized Steel  
 SSH454 Stainless Steel 304 or 316  
 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 N0. 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 Amnitec 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 SGH454/ SSH454									
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	140	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	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

\* 10"=Type 2  
 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.