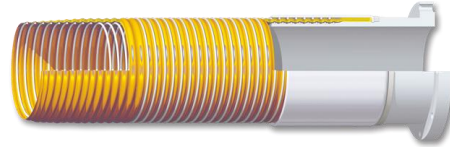


## Vapor Recovery Composite Hose 446



### Applications

This type is recommended for use with vapor recovery systems in tank-truck, bottom loading and ship to shore applications. This type is recommended for aggressive chemical vapors and version for sewer bypass back up system.

### Technical description

Lining: PTFE  
 Inner wire: Stainless Steel 316  
 Outer Wire: SGF446 Galvanized Steel  
 SSF446 Stainless Steel 304 or 316  
 Cover: PVC coated nylon, abrasion and ozone resistant, yellow temperature  
 Range: -30°C to + 100°C  
 Electrical properties: Electrically conductive  
 According Standard: EN13765:2010, Type 1  
 Complies with: IMO IBC code

### 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 SGF446/ SSF446									
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	100	7	7	175	1.75	2.60	65	20
4	100	100	7	11	275	2.55	3.80	65	20
6	150	100	7	16	410	3.60	5.30	79	24
8	200	100	7	22	560	8.05	11.90	65	20
10	250	100	7	30	760	10.35	15.30	50	15

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.

