

Chemiflex® Composite Hose Type 426



Applications

This type is recommended for use as a tank truck, railcar and in-plant multi chemical transfer applications where the economy and maximum chemical resistance of a polypropylene coated inner wire is required. A stainless steel outer wire is available for applications which include a corrosive environment.

Technical description

Lining:	Polypropylene
Inner wire:	Polypropylene coated Steel
Outer wire:	PGP426 Galvanized Steel PSP426 Stainless Steel 304 or 316
Cover:	PVC coated Nylon, Abrasion, UV and ozone resistant, black temperature
Range:	-30°C to + 80C (-22°F to + 176°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 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 PGP426/ PSP426									
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	40	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	9½	240	2.15	3.20	65	20
4	100	200	14	14½	360	3.25	4.80	65	20

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.