Chemiflex® Composite Hose Type 834

Applications

This type is designed for the transfer of hydrocarbons, including oils, petroleum products, diesel, lubricating oils, paraffin and 100% aromatics in heavy duty marine operations including ship and barge loading and unloading. A stainless steel outer wire is available for applications which include a corrosive environment.

Technical description

Lining:	PTFE
Inner wire:	Galvanized Steel
Outer wire:	GGF834 Galvanized Steel GSF834 Stainless Steel 304 or 316
Cover colour:	PVC coated Nylon, Abrasion, UV and ozone resistant, black 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 GGF834/ GSF834									
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	0.75	1.10	65	20
1½	40	200	14	5¼	130	0.85	1.40	65	20
2	50	200	14	5½	140	1.35	2.00	65	20
2½	65	200	14	6½	165	1.75	2.60	65	20
3	80	200	14	9	230	2.50	3.70	65	20
4	100	200	14	15	380	4.40	6.50	65	20
5	125	200	14	17	435	5.80	8.60	65	20
6	150	200	14	18	460	7.00	10.50	79	24
8	200	200	14	27	690	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