

Chemiflex® Composite Hose Type 434

Applications

This type is recommended for multi light chemical transfer service in heavy duty marine operations where the strength of a stainless steel 316 inner wire is desired. It is, for example, suitable for use as a dock, barge, and ship transfer hose, in chemical plants, refineries and paint producers and is also available with a stainless steel outer wire for applications which include a corrosive environment.



Technical description

Lining	: Polypropylene
Inner Wire	: Stainless Steel 316
Outer Wire	: SGP434 Galvanized Steel SSP434 Stainless Steel 304 or 316
Cover	: PVC coated Nylon, Abrasion, UV and ozone resistant, Green
Temperature range	: -30°C to + 80°C (-22°F to + 176°F)
Electrical properties	: Electrically conductive
Standard	: EN13765:2018, Type 3
Complies with	: IMO IBC code
Approval	: ClassNK Certificate N0. TA21511E(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 Amniflex 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 PGP436/PSP436

Inside Diameter		Working Pressure		Min. Bend Radius		Approx. Weight		Max. length	
inches	mm	psi	Bar	inches	mm	lbs/ft	kg/m	ft.	m
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	65	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
Safety factor acc. EN 13765:2018

All information in this document is without any obligation, specifications subject to change without any notice.

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