

Submersible Composite Hose Type 904

Applications

This type is designed for use with submersible pumps and for all other applications where the hose is exposed in hydrocarbon, both on the inside and outside. It is recommended for applications as heavy duty marine operations and ship and barge loading and unloading.



Technical description

Lining	: Polypropylene
Inner Wire	: Galvanized Steel
Outer Wire	: GGP904 Galvanized Steel
Cover	: Polypropylene, No marking, White
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 GGP904

Inside Diameter		Working Pressure		Min. Bend Radius		Approx. Weight		Max. length	
inches	mm	psi	Bar	inches	mm	lbs/ft	kg/m	ft.	m
1 ½	40	200	14	4½	112	0,85	1,25	65	20
2	50	200	14	5½	140	1,35	2,00	65	20
2 ½	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	50	15

Safety factor acc. to EN 13765:2018

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

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