

Oilmaster® Bottom Loading Composite Hose Type 104

Applications

This type is recommended for use for production refinery and bulk distribution facilities in bottom loading operation in combination with bottom loading installations. This type is specially constructed with a unique fiberglass flame resistant layer and Polypropylene lining. A stainless steel outer wire is available for applications which include a corrosive environment. Assemblies are fitted with swaged on TTMA flanges. Other connections on request.



Technical description

Lining	: Polypropylene
Inner Wire	: Galvanized Steel
Outer Wire	: GGB104 Galvanized Steel
Carcass	: Fibreglass flame resistant layer, polypropylene
Fabrics and films cover	: PVC coated Nylon, Abrasion, UV and ozone resistant, Black
Colour	: other colours on request
Temperature range	: -30°C to + 80°C (-22°F to + 176°F)
Electrical properties	: Electrically conductive
Standard	: EN13765:2018, Type 2
Approval	: ClassNK Certificate N0. TA21511E(AL)

Note: Other materials on request

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 GGB104

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	150	10	9 ½	240	2,20	3,25	65	20
4	100	150	10	14 ½	360	3,40	5,10	65	20

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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