



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
 Outer wire: Galvanized Steel
 Inner wire: GGB104 Galvanized Steel
 Carcass: Fibreglass flame resistant layer, polypropylene
 Fabrics and films cover: PVC coated Nylon, Abrasion, UV and ozone resistant, black colour: on request
 Temperature range: -30°C to + 80°C (-22°F to + 176°F) Electrical properties: electrically conductive
 Standard: EN13765:2010, Type 2
 Approval: ClassNK Certificate N0.TA11773E(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 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 GGB104									
Inside Diameter		Working Pressure		Min. Bend Radius		Approx Weight		Maximum Length	
Inches	mm	PSI	Bar	Inches	mm	lb/ft	kg/m	Feet	Meters
3	80	150	10	9½	240	2.20	3.25	65	20
4	100	150	10	14½	360	3.40	5.10	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.