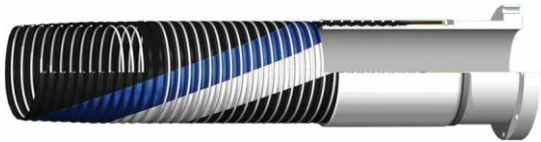


**Oilmaster® Bottom Loading Composite Hose 104**



**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 an 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 : Fiberglass Flame Resistant layer, Polypropylene fabrics and films  
 Cover : PVC coated Nylon, Abrasion, UV and Ozone resistant, Black  
 Color : On request  
 Temperature range : -30°C to + 80°C (-22°F to + 176°F)  
 Electrical properties : Electrically conductive  
 Standard : EN13765:2010, Type 2  
 Approval : Class NK 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 these 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:**

Inside Diameter		Working Pressure		Min. Bend Radius		Approx Weight		Max. Length	
Inch	mm	PSI	Bar	Inch	mm	LBS/FT	KG/M	FT.	m
3	80	150	10	9,5	240	2,20	3,25	65	20
4	100	150	10	14,5	360	3,40	5,10	65	20

Pressure based on safety factor 5:1

Dimensions and weight are approximate only and are subject to change.