

# TECHNICAL SPECIFICATION: FIREMASTER 16D

Hydrasun's Firemaster 16D hydraulic hose system is designed to address the strict specification required for blow out prevention and well control on topside applications suited for high pressure hydraulic applications where hoses are required to be fire rated and capable of working in extreme heat in case of emergency.

## Description

Certified to API16D control systems for drilling well control equipment. Lloyds Register's Fire tested for flexible hoses on onshore installations, OD 1000/499, the 16D is manufactured with permanently attached couplings and reinforced with four or six high tensile steel wire spirals with an extruded protective polyurethane sheath for excellent wear resistance.

Ideal for hydraulic systems using mineral oils, glycols and aqueous emulsion oils in fire safety critical areas, for BOP control and other well control applications.



## Specification

Size ID inch / mm	Size OD inch / mm	Working Pressure psi / bar	Min. Bend Radius inch / mm	Weight lbs/ft / kg/m	Part Number
1/4 / 6.4	1.09 / 27.8	7250 / 500	5.91 / 150	0.67 / 1	1/4" Firemaster
3/8 / 9.5	1.23 / 31.3	6670 / 460	7.09 / 180	0.82 / 1.23	3/8" Firemaster
1/2 / 12.7	1.35 / 34.4	6160 / 425	9.06 / 230	0.96 / 1.43	1/2" Firemaster
3/4 / 19	1.65 / 42	6090 / 420	11.02 / 280	1.46 / 2.17	3/4" Firemaster
1 / 25.4	1.89 / 48.1	5580 / 385	13.39 / 340	1.89 / 2.82	1" Firemaster
1 1/4 / 31.8	2.36 / 60	5070 / 350	16.5 / 419	3.08 / 4.6	1 1/4" Firemaster
1 1/2 / 38.1	2.64 / 67.2	5070 / 350	19.69 / 500	4 / 5.98	1 1/2" Firemaster
2 / 50.8	3.22 / 81.8	5070 / 350	24.8 / 630	5.5 / 8.2	1 1/2" Firemaster

## TEMPERATURES

Service temperature range: -40°C to 121

## FIRE RATING: FLAME TEMPERATURE

1,100°C for 5 minutes (Lloyds)

700°C for 5 minutes (API)