

// BOP - FIRE WATER

// STEEL ARMOUR 5K



Flame resistant hydraulic hose

API SPEC 16D

Tube: petroleum and biodegradable hydraulic fluid resistant synthetic rubber.

Reinforcement: two high tensile steel braids or four/six high tensile steel spirals.

Cover: stainless steel armour.

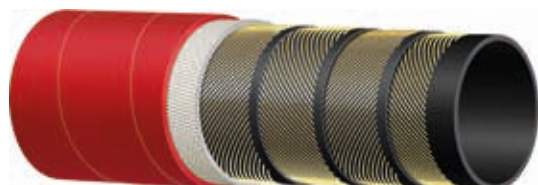
Application: high pressure hydraulic lines in blow out preventer system (BOP), where continuous operation in case of fire is required.

Temperature: -40°C +121°C (-40°F +250°F)

Constr.	ID (Dash)	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (Mpa)	WP (psi)	BP (Mpa)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
2WB	8	13,0	1/2"	33,0	1,30	35,0	5000	140,0	20000	230	9,06	1,060	0,72
4WS	12	19,0	3/4"	39,0	1,54	35,0	5000	140,0	20000	230	9,06	1,868	1,26
4WS	16	25,0	1"	47,0	1,85	35,0	5000	140,0	20000	250	9,84	2,459	1,66
4WS	20	32,0	1 1/4"	60,0	2,36	35,0	5000	140,0	20000	310	12,20	3,818	2,57
6WS	24	38,0	1 1/2"	70,0	2,76	35,0	5000	140,0	20000	500	19,69	5,309	3,57
6WS	32	51,0	2"	85,0	3,35	35,0	5000	140,0	20000	550	21,65	8,154	5,48

3/4", 1", 1-1/4", 1-1/2" and 2" - API 16D DNV Type approved hose assemblies.

// 230AH



Sea water 20 bar (300 psi) - Fire resistant

ISO 15540

Tube: black conductive NBR.

Reinforcement: high tensile steel cords. ID 152 and 203 mm with embedded steel helix wire.

Cover: fibreglass fabric coated with red CSM - abrasion, ozone and hydrocarbon resistant. ID 152 and 203 mm corrugated.

Application: fire water main systems on board offshore installations and sea going vessels.

Also suitable for fuel and oil transfer.

Fire resistant 30 minutes at +800 °C.

Temperature: -30 °C +100 °C (-22 °F +212 °F)

ID (mm)	ID (in)	OD (mm)	OD (in)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
32,0	1 1/4"	56,0	2,20	20	300	80	1200	224	8,82	2,570	1,73
38,0	1 1/2"	62,0	2,44	20	300	80	1200	266	10,47	2,800	1,89
51,0	2"	79,0	3,11	20	300	80	1200	357	14,06	4,270	2,87
76,0	3"	106,0	4,17	20	300	80	1200	532	20,94	6,500	4,37
102,0	4"	132,0	5,20	20	300	80	1200	714	28,11	8,620	5,80
127,0	5"	157,0	6,18	20	300	80	1200	889	35,00	10,900	7,33
152,0	6"	190,0	7,48	20	300	80	1200	1064	41,89	19,260	12,95
203,0	8"	243,0	9,57	20	300	80	1200	1421	55,94	27,230	18,30

ABS Type approved hose assemblies.