

## PFA

PIRTEK FIRE ARMOUR  
BOP & CONTROL LINE ASSEMBLIES**Construction****Inner Tube:**

Seamless synthetic rubber, resistant to oil

**Reinforcement:**

Braids or spirals of high tensile steel wire

**Cover:**

Abrasion resistant stainless steel armour resistant to oils, ozone, and weathering, and fire resistant to Lloyd and API requirements

Lay line example: No layline

**Applications**

Hydraulic control for blowout preventer (BOP) stacks

Hydraulic control lines requiring fire resistant capability up to 700 °C for 5 minutes

**Temperature Range (internal hose):**

-40°C up to +100°C intermittent to 125 °C

**Features:**

A fire resistant stainless steel armoured sleeve over high pressure braided or multispiral hydraulic hose  
Stainless steel end connections of JIC Female, NPT Male, Hammer Union or to customer specifications

**Reference Specifications**

Spiral hoses meet or exceed SAE J 517

Braided hoses meet or exceed EN857 2SC

Tested in accordance with SAE J 517, EN 856, AS 3791

**Fire Resistance Compliance:**

Lloyds OD1000/499

API 16D

Product Code	Nominal ID		OD mm	Pressure (psi)			Min bend radius mm	Weight (hose only) Kg / m
	ins	mm		Max. Working	Test	Min. Burst		
PFA3000-08-XX	1/2	12.5	36	3,000	4,500	12,000	130	1.4
PFA3000-12-XX	3/4	19.0	45	3,000	4,500	12,000	220	2.8
PFA3000-16-XX	1	25.4	51	3,000	4,500	12,000	280	4.2
PFA3000-20-XX	1 1/4	32.2	66	3,000	4,500	12,000	350	5.3
PFA3000-24-XX	1 1/2	38.5	73	3,000	4,500	12,000	450	6.0
PFA3000-32-XX	2	50.8	94	3,000	4,500	12,000	500	8.6
PFA5000-08-XX	1/2	12.5	36	5,000	7,500	20,000	130	1.4
PFA5000-12-XX	3/4	19.0	45	5,000	7,500	20,000	220	2.8
PFA5000-16-XX	1	25.4	51	5,000	7,500	20,000	280	4.2
PFA5000-20-XX	1 1/4	32.2	66	5,000	7,500	20,000	420	6.3
PFA5000-24-XX	1 1/2	38.5	73	5,000	7,500	20,000	500	7.2
PFA5000-32-XX	2	51.2	94	5,000	7,500	20,000	600	11.3

XX - denotes length of hose assembly in Feet

AVAILABLE END CONFIGURATIONS  
(STAINLESS STEEL)



NPT Male

JIC Female

Hammer Union

Other ends to customer specification can be supplied