FA35

ParLock Multispiral Firearmor Blowout Preventer Application

Meets API 16D – Lloyd's 1000/499 fire test



- Interlock Technology
- Reinforcement of six high tensile steel wires
- Fire armored as blowout preventer
- Special red flame resistant cover compound
- Constant working pressure of 35.0 MPa
- Design factor 4:1
- Very flexible
- Size -6 and -8 only to use with special sleeve FS-R-6 and FS-R-8

Primary Applications

Hydraulic system that operates the BOP security valve, both armored and without external protection. To be used on all rigs where fire resistance acc. to API 16D specifications are required.

Applicable Specifications

Meets API 16D – Lloyd's 1000/499 fire test

Construction

Inner Tube: Synthetic rubber
Reinforcement: Four or six spirals high-tensile steel wire
Cover: Special red flame resistant compound

Temperature Range ..... -40 °C up to +100 °C

Exception: Air ..... max. +70 °C
Water ..... max. +85 °C

Recommended Fluids

Hydraulic fluids on a mineral-oil basis, water-glycol and lubricating oils, air and water. For air and gas applications with a pressure exceeding 1.7 MPa, the cover must be pin-pricked. Consult the chemical compatibility section on pages ***Ab-26*** to ***Ab-34*** for more detailed information.

Fitting Series

Internal and external skiving (size -6 and -8) VS
Internal and external skiving (size -10 up to -20) V4
Internal and external skiving (size -24 and -32) V6

Part Number	Hose I.D.				Hose O.D.	Pressure Rating: max. working pressure		Pressure Rating: min. burst pressure		min. bend radius	weight
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	mm	kg
FA35-6	10	3/8	-6	9.5	22.8	35.0	5000	140.0	20000	130	0.91
FA35-8	12	1/2	-8	12.7	25.2	35.0	5000	140.0	20000	180	1.08
FA35-10	16	5/8	-10	15.9	29.5	35.0	5000	140.0	20000	225	1.39
FA35-12	19	3/4	-12	19.1	32.4	35.0	5000	140.0	20000	280	1.70
FA35-16	25	1	-16	25.4	39.0	35.0	5000	140.0	20000	340	2.20
FA35-20	31	1 1/4	-20	31.8	46.6	35.0	5000	140.0	20000	460	2.60
FA35-24	38	1 1/2	-24	38.1	58.7	35.0	5000	140.0	20000	480	4.80
FA35-32	51	2	-32	50.8	72.0	35.0	5000	140.0	20000	600	6.70

Replace the hose when any deformation or damage on the hose cover are visible.
The combination of high temperature and high pressure could reduce the hose life.

Parker BOP FS-R

is a red PKR rubber flame resistant sleeve that must be used for BOP hose assembly in order to protect the fitting area and be approved in accordance with the API 16D flame test.
The sleeve has to be fit over the fitting and doesn't need any clamp to be fixed.



Part Numbers: FS-R-6, FS-R-8

Hose layline example



Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark