

6K-FLEX-ARMOR

Spiral Wire Hose

4-Wire / 6-Wire | 6,000 PSI Isobaric | *XtremeDuty*



Black with a Black Embossed Layline

Part No.	Nominal		I.D.		O.D.		Working Pressure		Burst Pressure		Bend Radius		Weight		Hose Fitting Series
			(in)	(DN)	(in)	(mm)	(psi)	(bar)	(psi)	(bar)	(in)	(mm)	(lbs/ft)	(kg/m)	
6K-FA-10	5/8	16	1.00	25.4	1.05	26.6	6,100	420	24,400	1680	4.00	100	0.67	1.00	TN Series
6K-FA-12	3/4	19	0.75	19.0	1.20	30.6	6,100	420	24,400	1680	4.70	120	1.01	1.50	K6 / C6 / TN
6K-FA-16	1"	25	1.00	25.4	1.49	37.8	6,100	420	24,400	1680	5.90	150	1.34	2.00	K6 / C6 / TN
6K-FA-20	1-1/4	31	1.25	31.8	1.94	49.3	6,100	420	24,400	1680	11.80	300	2.39	3.55	C6 / TS
6K-FA-24	1-1/2	38	1.50	38.1	2.24	57.0	6,100	420	24,400	1680	13.80	350	3.12	4.65	C6 / TS

Applications/Features

Our '6K-FA' *Flex-ARMOR* Hose is a 6,000 PSI isobaric hose that exceeds **1-Million Impulse Cycles** at 1.33% working pressure (sizes –16 to –24 are at 1.20% working pressure) and with an **ARMOR Tough Cover** it provides an excellent combination of long life, high pressure, and outstanding abrasion resistance. All this while providing great flexibility at half bend radius of SAE 100R15. This hose is great for high pressure applications when changing out the hose is a labor intensive task and downtime would be very costly. It is suitable for mineral and vegetable oils, aqueous emulsion, water, air, and inert gases. An MSHA flame resistant approved black cover with a black embossed layline is standard. Optional certifications may also be included upon request.

Temperature

–40° to +250° F (–40° to +121° C)

+257° F (+125° C) Intermittent

Tube

Oil Resistant Black Synthetic Rubber

Notice

Optional Approvals: DNV, ABS, MED, Lloyd's

For Average Coil Lengths See Page C-150

Hose Assemblies or Bulk

Page Updated 2017-02-01

Reinforcement

4-Wire High Tensile Steel Spirals (–10, –12, –16)

6-Wire High Tensile Steel Spirals (–20, –24)

Cover

ARMOR Tough Cover, Extreme Abrasion, Oil, and Weather Resistant Synthetic Rubber

MSHA Flame Resistance Approval

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Reference

Gates: EFG6K

Parker: 791TC / 792TC / 797TC



Extreme Caution

User is Solely Responsible for the Proper Selection and Matching of Hose and Fitting Components.

Please read the *User Responsibility Warning*, *Hose Installation Guide*, and reference the latest

Crimp Specs at pressureconnections.com.

