

Product Highlights

- Operating temperature:
-54°C to +260°C
(-65°F to +500°F)
- Fire protection up to
+1100°C (+2012°F) (15 min)
+ 800°C (+1472°F) (30 min)
- AS1072 Type 2
(Aero Grade)
- Fluid resistant to hydraulic
fluids and lubricating oil
- Standard color is red iron
oxide; other colors include
black, blue, and aluminum



FyreJacket® Aerospace is a thickwall braided fiberglass sleeving coated with specially compounded silicone rubber. FyreJacket is intended to slide on easily over a variety of hoses and expand readily to go over fittings and couplings. The specially formulated silicone rubber coating has excellent shedding properties.

FyreJacket is used to protect hoses and hose assemblies, tubing, piping, and cables from exposure up to +260°C (+500°F) and from molten splash and welding sparks. Aerospace grade FyreJacket will withstand short term flame exposure to +1093°C (+2000°F) when installed on a hose assembly qualified to SAE Aerospace Standard 1055*. Aerospace FyreJacket is packaged in random lengths, with minimum lengths no shorter than 15 feet.



Our manufacturing sites are certified ISO 9001, IATF 16949, or AS/EN 9100, ISO 14001 and ISO 45001 (Selected Sites)

Performance Data – FyreJacket® Aerospace

Property	Test Method	Result
Operating Temperature		-54°C (-65°F) to +260°C (+500°F)
Low Temperature Flexibility	ASTM D-746	-54°C (-65°F)
Flammability	30 CFR § 18.65	Pass
Fluid Resistance	AS1072	
Phosphate ester type hydraulic fluids		Good resistance
Hydraulic Fluid (MIL-H-5606)		Good resistance
Jet Fuel (MIL-T-5624)		Good resistance
Lubricating Oil (MIL-L-6082)		Good resistance
Lubricating Oil (MIL-L-7808)		Good resistance
Lubricating Oil (MIL-L-23699)		Good resistance
Hydraulic Fluid (MIL-H-83282)		Good resistance

Product Specifications

Bentley-Harris Aerospace FyreJacket meets the requirements of SAE Aerospace Standard AS 1072 Type 2 for “Sleeve, Hose Assembly, Fire Protection”. Suitable hose assemblies, sleeved with Aerospace FyreJacket, allow qualified manufacturers to meet SAE Aerospace Standard AS 1055*.

Commercial Part Number	Recommended Application Range		Maximum Weight g/m (lb/ft)
	Min Ø mm (in)	Max Ø mm (in)	
FyreJacket Aerospace 4-X	5.3 (0.21)	7.1 (0.28)	120 (0.08)
FyreJacket Aerospace 5-X	6.9 (0.27)	8.7 (0.34)	130 (0.09)
FyreJacket Aerospace 6-X	8.6 (0.34)	10.3 (0.41)	150 (0.10)
FyreJacket Aerospace 7-X	10.4 (0.41)	11.9 (0.47)	190 (0.13)
FyreJacket Aerospace 8-X	11.7 (0.46)	13.5 (0.53)	210 (0.14)
FyreJacket Aerospace 9-X	13.2 (0.52)	15.0 (0.59)	240 (0.16)
FyreJacket Aerospace 10-X	14.7 (0.58)	16.6 (0.66)	300 (0.20)
FyreJacket Aerospace 11-X	16.5 (0.65)	19.0 (0.75)	310 (0.21)
FyreJacket Aerospace 12-X	18.0 (0.71)	20.6 (0.81)	330 (0.22)
FyreJacket Aerospace 13-X	19.5 (0.77)	22.2 (0.87)	370 (0.25)
FyreJacket Aerospace 14-X	21.3 (0.84)	23.7 (0.94)	390 (0.26)
FyreJacket Aerospace 16-X	24.3 (0.96)	26.9 (1.06)	490 (0.33)
FyreJacket Aerospace 18-X	27.4 (1.08)	30.1 (1.19)	520 (0.35)
FyreJacket Aerospace 20-X	30.7 (1.21)	33.3 (1.31)	550 (0.37)
FyreJacket Aerospace 22-X	34.0 (1.34)	36.4 (1.44)	650 (0.44)
FyreJacket Aerospace 24-X	37.1 (1.46)	39.6 (1.56)	710 (0.48)
FyreJacket Aerospace 26-X	40.1 (1.58)	42.8 (1.69)	570 (0.38)
FyreJacket Aerospace 28-X	43.4 (1.71)	46.0 (1.81)	630 (0.42)
FyreJacket Aerospace 30-X	46.6 (1.84)	49.1 (1.94)	650 (0.44)
FyreJacket Aerospace 32-X	49.8 (1.96)	52.3 (2.06)	710 (0.48)
FyreJacket Aerospace 38-X	59.3 (2.34)	61.8 (2.44)	930 (0.63)
FyreJacket Aerospace 40-X	62.5 (2.46)	65.0 (2.56)	960 (0.65)
FyreJacket Aerospace 46-X	72.0 (2.84)	74.5 (2.94)	1140 (0.77)
FyreJacket Aerospace 48-X	75.2 (2.96)	77.7 (3.06)	1290 (0.87)
FyreJacket Aerospace 56-X	87.9 (3.46)	90.4 (3.56)	1520 (1.02)
FyreJacket Aerospace 60-X	94.2 (3.71)	96.8 (3.81)	1620 (1.09)

X = Color Code: Red Iron Oxide - 12 | Blue - 6 | Aluminium - ALU

Part Numbering System

Example	Product Name	Size	Color
	FyreJacket Aerospace Grade	16	12 (red-iron)

*All qualification testing was conducted on Aerospace Fyrejacket in red iron oxide. Customers using alternative color options should conduct their own testing.



United States: (1) 800 926 2472 • México: (52) 442 101 8100 • Brazil: (55) 19 3116 1600
 EMEA: (33) 3 44 39 06 06 • Japan: (81) 45 330 0300 • China: (86) 21 6182 7560
 Southeast Asia: (66) 35 276 400 • Korea: (82) 44 861 6368 • India: (91) 124 4784565
www.tennecosp.com



For informational purposes only. Tenneco makes no warranties as to the accuracy or completeness of the information provided herein and disclaims any liability in connection with its use. Tenneco's only obligations are those provided in its terms and conditions of sale for this product, and Tenneco will not be liable for any damages, whether direct or indirect, arising out of the use or misuse of this product. Users should undertake their own evaluations to determine the suitability of the product for specific applications. ©2020 Tenneco Systems Protection, manufacturer of Bentley-Harris protection products.

FJAERO-NA(EN-LTR)A