

FyreJacket HL, open thickwall braided fiberglass sleeving

FyreJacket HL is an open thickwall braided fiberglass sleeving coated with a specially compounded, flame retardant silicone rubber. FyreJacket HL can be easily installed on cables and hoses and closes thanks to the textile hook and loop structure.

FyreJacket HL offers an effective protection against sustained high temperatures, flames and molten metal splashes that can seriously damage electrical cables and hydraulic, gas and lubricant supply lines. Thanks to its unique construction, FyreJacket HL prevents the absorption of dust and water through the aperture.



The construction of FyreJacket HL ensures fire protection up to +1100°C (+2012°F) and provides thermal protection against internal and external hazards in a variety of industries.

Temperature:

- Operating Temperature: -54°C to +125°C
- Peak Temperatures: up to +260°C without sleeve opening
- Fire protection: up to +1100°C (15 min.) / +800°C (30 min.)

Property	Test Method	Result
Operating Temperature	EN6059-302	168 hours at +125°C 168 hours at +260°C with attachments
Low Temperature Flexibility	ASTM D-746	-54°C
Flammability	ASTM D-350, Method B	Does not burn
Fire / Smoke / Toxicity	EN45545-2 FAR 25 Flammability EN3844-1B EN2825B EN2826B	R22: HL3 R23: HL3 pass
Fluid Absorption	EN6059-305 6 hours on the closed system	No absorption of water
Protection against water, Immersion test	IPX4, IPX6	Spray nozzle: 3 minutes Water immersion: 40 seconds
Bending Endurance	EN6059-402, 1000 cycles without Additional attachment	No opening, no cracks
Vibration Endurance	EN6059-406 Method A (ISO7137)	Pass, no degradation to the sleeve or to the cables
Fluid Resistance	1 hour soak in: Gasoline, Engine oil, power steering fluid, transmission fluid, coolant, battery acid	No cracking or degradation resulted from soak in any of the tested fluids

Dimensions in mm

Part Number	Rec. Application Range	Wall Thickness in mm
FyreJacket HL 10-12	5 – 10mm	6
FyreJacket HL 16-12	10 – 16mm	6
FyreJacket HL 20-12	16 – 20mm	6
FyreJacket HL 25-12	20 – 25mm	6
FyreJacket HL 30-12	25 – 30mm	6
FyreJacket HL 38-12	30 – 38mm	6
FyreJacket HL 45-12	38 – 45mm	6
FyreJacket HL 80-12	70 – 80mm	6