

FyreJacket HL LTE, high temperature open thickwall braided fiberglass sleeve

FyreJacket HL LTE is a thickwall fiberglass and Panox sleeve coated with a flame retardant silicone rubber that provides fire and thermal protection. Its open geometry allows an easy installation over cables and the hook and loop textile structure sewn on both sides enables users to close it easily and reposition where needed. The hook and loop meta-aramid closing system is endowed with specific water repellence features to avoid natural absorption of humidity or water.

FyreJacket HL LTE was designed to protect electrical cables and hydraulic, gas and lubricant supply lines from sustained high temperatures, molten metal splashes and flames.



The construction of **FyreJacket HL LTE** ensures fire protection up to +850°C (1562°F) up to two hours and provides thermal protection against internal and external hazards in a variety of industries.

Product Facts:

- To protect hoses, lines and cables in high temperature areas for long endurance
- To provide protection against short-term hazards such as flame blasts
- EN 45545-2

Temperature:

- Operating Temperature: -54°C to +125°C
- Peak Temperatures: up to +260°C without sleeve opening
- Fire protection: up to +850°C (2 hours)
- Flexibility to -54°C

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	R22: HL2 R23: HL3
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 (diameter)	Wall Thickness in mm
FyreJacket HL LTE 25-12	20 – 25mm	9
FyreJacket HL LTE 30-12	25 – 30mm	9
FyreJacket HL LTE 38-12	30 – 38mm	9
FyreJacket HL LTE 45-12	38 – 45mm	9
FyreJacket HL LTE 80-12	70 – 80mm	9