Fire sleeve Red Oxide silicone coated glass fibre sleeving

Sleeve It Fire sleeve is manufactured from 'E' glass fibre yarn knitted to form a sleeve and coated with high-grade silicone elastomer rubber.



What's it used for?

Sleeve It Fire Sleeve is a very flexible sleeving designed to protect wires, cables, and hoses from high ambient temperatures.

It will offer continuous protection at an operating temperature of 260°C and can withstand a molten metal splash at 1200°C.

It is highly resistant to most oils, hydraulic fluids, fuels, acids and alkalis. The high grade rubber forms a protective SiO2 layer when exposed to flame.

It provides personnel with protection against burns from hot boxes, steam lines etc. and helps to reduce energy loss by retaining heat within the pipework.



Standard format

Inside diameter: 4mm to 203mm
Method of supply: 15mtr coils

Standard Multi Grade

Multi Grade Firesleeve is red oxide silicone coated glass sleeving manufactured from 'E' glass fibre yarn knitted to form a sleeve and coated with high grade iron oxide silicone elastomer rubber.

Multi Grade Firesleeve possesses outstanding characteristics making it suitable for use in a wide range of industrial applications. It complies with EN45545-2 standard for the rail industry. It meets the requirements of AS1072, allowing use in the manufacture of hose assemblies when tested to AS1055.

There is no thermal conductivity information specifically relating to Firesleeve, however the silicone coating has a thermal conductivity value of ~0.2$Wm^{-1}K^{-1}$ and the E-glass substrate will have a value in the range ~0.8 - 1.2$Wm^{-1}K^{-1}$

Quick Facts

Standard colour:	Red Oxide
Continuous operating temp:	500°F (260°C)
Molten splash resistance:	Outstanding
Flame resistance:	Very good
Abrasion resistance:	Very good
Flexibility:	Outstanding
Water and oil resistance:	Outstanding
Wall Thickness:	3mm +/- 0.5mm

- Dielectric Strength - available up to 30Kv+ upon request.
- Complies with EN 45545-2
- Tested to ISO 11925-2
- Meets requirement for IEC 60695-11-10 – classified as HB and V0
- Meets requirements for UL94 rating V0, V1, V2

ISO 9001 QUALITY MANAGEMENT

MADE IN BRITAIN

APPROVED BY MSHA Product IC-367/01

Custom Colours available by special order.

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