

Aerostyle Pyrojacket®

Technical Description: Pyrojacket is constructed from a high bulk E fiberglass fiber that is braided to produce a hollow sleeve. Braid architecture to allow finished coated product to be slightly expandable where necessary. It is coated with a thick covering of iron oxide red silicone rubber.



Temperature Capabilities: Rated for 500°F (260°C) to -65°F (-54°C) continuous exposure, up to 2000°F (1093°C) for 15-20 minutes and up to 3000°F (1650°C) for 15-30 seconds.

Technical Certifications:

- DNV-GL Certified to 800°C/30mins. (ISO15540 & ISO15541)
- SAE AS1072E Compliant
- MSHA Certified for use in underground mines
- UL 1441 Certified
- VW1 Flame Test Certified
- BS EN 373 Molten Splash Tested
- BS EN 388 Abrasion Tested
- BS EN ISO 6940 Flame Resistance Tested
- BS EN ISO 6530 Oil Resistance Tested
- BS 2576 Tensile Strength Tested
- DIN 45545 Low Smoke Toxicity
- DIN 54837/5510-2 Rail Vehicle Certified for Resistance to Combustibility
- DIN 5659-2/5510-2 Rail Vehicle Certified for Toxicity
- LNE French Rail Certification STM-S-001; Class F0
- DIN EN45545-2:2013-08 Rail Certification

Oil and Fluid Resistance: Impervious to most liquids including those with a hydrocarbon base. Remains functional after immersion for 120 hours at 80°F in MIL-L-6082 and Skydrol 500.

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Product Overview: Pyrojacket is a sleeve that can be easily installed over hoses, cables, tubing or pipes. It offers excellent resistance to molten metal splash, radiant heat, flames, abrasion, corrosive atmosphere, moisture, chemicals, vibration, and electricity.

In addition to protecting hoses, cables and pipes etc., Pyrojacket can protect people from incurring scorching burn injuries on hot braided hoses and pipes.

Pyrojacket's excellent moisture resistance makes it ideal for use outdoors.

Dimensional Data: Available in diameters from 1/4" (6mm) to 6" (152mm). Standard lengths are 50 ft (15 mtrs) and 100ft (30 mtrs).

Nominal wall thickness: 0.142" (3.61mm)

Installation: Allow tolerance to install over hoses or cable. Both length and co-efficient of friction should be taken into account when determining correct diameter.

Cautionary Notes: N/A

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