

Technical Data Sheet

Aerostyle Pyrojacket[®]

PJA Series Aerostyle Pyrojacket[®]

Technical Description: Aerostyle Pyrojacket[®] is constructed from a high-bulk glass fiber that is braided to produce a hollow sleeve. The heavy coating of proprietary iron oxide red silicone rubber compound sheds molten splash immediately, before heat transfer occurs, and offers certified protection for hose and cable assemblies in both fire and extreme heat applications.

Temperature Capabilities: Rated for 500°F (260°C) to -65°F (-54°C) continuous exposure, up to 2000°F (1090°C) for 15 to 20 minutes and up to 3000°F (1650°C) for 15 to 30 seconds. Temperature ratings are tested and certified.



Technical Certifications:

- ISO 15540/15541 Certified Hydraulic Hose Protection to 800°C/30mins
- SAE AS1072 Compliant
- DIN EN 45545-2:2016-02 Rail Certification
- 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 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
- Lineman's Dielectric Strength Test: 7.3 kV average.
- DIN ISO 12219-3 VOC Outgassing

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.

Disclaimer: Due to the range of possible applications, no warranty is expressed or implied. ADL Insulflex, Inc.'s liability is limited solely to the replacement of defective material. ADL Insulflex, Inc. will not be held liable for any consequential damages arising from the use or misuse of the material. While the information given herein is believed to be reliable, ADL Insulflex, Inc. makes no warranties as to the accuracy or completeness. Samples of all Insulflex[®] products are available at no cost or obligation, and suitable trials should be made prior to installation.

Telephone

North America: (800) 461-9323
International: (905) 377-1488

ADL Insulflex, Inc.
94 Wilmott Street
Cobourg, ON
K9A 0E9

Fax

North America: (800) 461-9328
International: (905) 377-1484

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Product Overview: Aerostyle Pyrojacket[®] is a sleeve that can be easily installed over hoses, cables, tubing, or pipes. It offers excellent resistance to molten metal splash, intense flame, radiant heat, flames, abrasion, corrosive atmosphere, moisture, chemicals, and vibration. Aerostyle Pyrojacket[®] is non-conductive.

In addition to protecting hoses, cables, and pipes, etc., Aerostyle Pyrojacket[®] can protect personnel from incurring scorching burn injuries on hot braided hoses and pipes.

By virtue of its excellent moisture resistance, Pyrojacket[®] makes an ideal fit for outdoor applications.

Dimensional Data: Available in diameters from 1/4" (6mm) to 6" (152mm).

Colour Choice: Standard colour is iron oxide red. Also available in black, blue, yellow, green, and silver/grey.

Nominal Wall Thickness: 0.140" (3.6mm).

Installation: Allow a tolerance to install over hoses or cables. Both length and coefficient of friction should be taken into account when determining the correct diameter.

Cautionary Notes: N/A

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