

## PYROJACKET®

### insulating sleeving and ribbon

Pyrojacket is a high-bulk glass fibre, woven to produce a hollowsleeve or ribbon. It is coated with a high temperature silicone rubber and will withstand continuous temperatures from -54°C to 260°C (-65°F to 500°F), as well as intermittent exposure to temperatures up to 1650°C (3002°F). Pyrojacket sleeving slips on easily and expands over fittings and connectors. Pyrojacket ribbon can be wrapped on without disconnecting fittings. Each product is end-fixed in place with Pyrosil adhesive tape.



### applications

IDEAL FOR

- Protective covering for cables, ropes and hoses
- Sheath for bundling of multiple wires
- Insulation covering to prevent heat loss from hot metal hoses and piping

### SPECIFICATIONS

Pyrosil Tape	11 metre rolls x 25 mm wide tape 36 ft rolls x 1 inch wide tape
Ribbon	25, 50 and 75 mm (1, 2, and 3 inch) widths
Sleeve	6–112 mm (0.25–4 inch) diameter Supplied in coils or cut to length as required

### features

- Withstands intermittent flame
- Sheds molten spatter of metals and glass
- Resistant to slag and resin build-up
- Protects against abrasion, solvents and corrosive chemicals
- Protects operators against scorching contacts of metal hoses and pipes
- Provides "Danger Red" warning
- No harmful by-products of combustion
- Easily installed



## RECOMMENDED USES

Steel Mills	Pyrojacket is commonly used in the steel industry among integrated producers, specialty steel producers and mini mills. Applications include continuous strand casting and slab scarfing equipment. Also, hydraulic and cooling water lines in furnace areas require Pyrojacket protection. Melt shop equipment can also utilise Pyrojacket for molten splash protection.
Aluminium Smelting	Non-ferrous smelting mills use Pyrojacket to protect hose, cable and wire rope from the effects of molten aluminium slag and splash. A specially fabricated glass-filled Pyrojacket is used as a crucible seal.
Heavy Steel Fabrication	Fuel supply lines in flame cutting and gouging operations are affected by molten weld spatter. Pyrojacket can increase the life of oxy-acetylene and mig welding lines, avoiding production interruptions.
Injury from Hot Hoses & Pipes	Steam, hot water and hot oil lines can have a 'branding' effect on operators. Pyrojacket offers high-temperature protection for the safety of the operator.
Radiant Heat	Hoses and cables close to furnaces, boilers, engines and exhaust manifolds can benefit from Pyrojacket protection.
Intermittent Flame	Can be used near burners for heating and annealing glass and metal. Pyrojacket is also useful around furnace doors and welding, brazing and flame cutting operations.
Fire Hazard Areas	Pyrojacket can protect hoses and pipe conveying oils, solvents, fuels or other flammable liquids to help prevent them from becoming open lines that feed a fire. Fuel lines on vehicles, ships and locomotives are good examples.
Abrasion Protection	Although not its intended purpose, the heavy rubber covering makes Pyrojacket a very good abrasion resistant material.
Reduced Heat Loss	Thermal insulation on hose and piping means reduced energy costs and better control of critical media temperatures.

\* Pyrojacket® is a registered trademark of ADL Insulflex, Inc. used with permission by Pyrotek.

For further information  
and contact details,  
please visit our website  
[pyroteknc.com](http://pyroteknc.com)

Product Type: 134, 169  
Commodity Code: 11010

Caveats: Specifications are subject to change without notice. The data in this document is typical of average values based on tests by independent laboratories or by the manufacturer and are indicative only. Materials must be tested under intended service conditions to determine their suitability for purpose. The conclusions drawn from acoustic test results are as interpreted by qualified independent testing authorities. Nothing here releases the purchaser/user from responsibility to determine the suitability of the product for their project needs. Always seek the opinion of your acoustic, mechanical and fire engineer on data presented by the manufacturer. Due to the wide variety of individual projects, Pyrotek is not responsible for differing outcomes from using their products. Pyrotek disclaims any liability for damages or consequential loss as a result of reliance solely on the information presented. No warranty is made that the use of this information or of the products, processes or equipment to which this Information Page refers will not infringe any third party's patents or rights. DISCLAIMER: This document is covered by Pyrotek standard Disclaimer, Warranty and © Copyright clauses. See [pyroteknc.com/disclaimer](http://pyroteknc.com/disclaimer).

