



## Product Specification

# Hose Protection - Pyrojacket

### DESCRIPTION

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.

Pyrojacket is constructed from a high bulk fiberglass fiber that is woven to produce a hollow sleeve. It is coated with a thick covering of iron oxide red silicone rubber.

The ability to shed molten metal splash and withstand intense radiant heat are important characteristics that make Pyrojacket ideal for protecting hoses, cable and wire rope in a variety of hostile environments.

Pyrojacket will withstand 500°F (260°C) continuous exposure, up to 2000°F (1090°C) for 15 - 20 minutes and up to 3000°F (1640°C) for 15 - 30 seconds.

Pyrojacket is available in Industrial and Aerostyle grades.

Industrial grade Pyrojacket is available in sizes up to 4" ID.

Aerostyle grade Pyrojacket is available in sizes up to 11-1/2" ID.

Aerostyle grade Pyrojacket is made from the same high bulk glass

fiber and features a dense braided fiberglass core. All Pyrojacket has an unlimited shelf life.

Pyrojacket features an excellent modulus of elasticity, allowing it to easily stretch and expand over fittings and connectors. The outer cover offers excellent resistance to most industrial chemicals and hydraulic oils. Additional uses include the bundling of multiple hoses and cables together, while providing good abrasion resistance.

In applications where operators and maintenance personnel are working in the vicinity of steam lines or hot oil lines, there is always the danger of employees incurring serious burns from the "branding effect" of hot braided hoses. Pyrojacket provides effective burn protection from steam lines while insulating against costly energy losses. Applications include rubber vulcanization operations, platen presses, injection molding plants - anywhere hot steam or oil lines are used.

### PYROJACKET APPLICATIONS

#### **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.

#### **Injury from Hot Hoses & Pipes**

Steam, hot water and hot oil lines can have a "branding" effect on operators. Pyrojacket and Pyrotape offer high temperature protection for the safety of operators.

#### **Offshore Drilling Equipment**

Can be used as a component of BOP and Choke & Kill hoses. Also provides vital protection for critical control circuits in the event of an uncontrolled fire.

#### **Radiant Heat**

Hoses and cables close to furnaces, boilers, engines and exhaust manifolds can benefit from Pyrojacket protection.

#### **Intermittent Flame**

Near burners for heating and annealing glass and metal. Near furnace doors and welding, brazing and flame cutting operations.

#### **Aluminum Smelting**

Non-ferrous smelting mills use Pyrojacket and Pyrotape to protect hose, cable and wire rope from the effects of molten aluminum slag and splash. A specially fabricated glass filled Pyrojacket is used as a crucible seal.

