Pyreflect™ Blanket

Product Name: Pyreflect™ Blanket

Technical Description: A highly reflective engineered blanket. This blanket has a mylar surface applied onto one side of a aramid substrate. The aramid substrate is a blend of both Kevlar and Nomex. Pyreflect blanket is very durable and abrasion resistant.

Temperature Capabilities: Rated for 650°F (343°C) continuous, 1000°F (538°C) intermittent radiant heat.

Product Overview: Pyreflect is designed to reflect radiant heat, and exhibit the properties of flexibility, abrasion resistance, toughness and tensile strength.

Pyreflect blanket is designed to shed both ferrous and non-ferrous molten metal splash and is impervious to most liquids including those with a hydrocarbon base.

The Kevlar /Nomex inner core offers excellent long-term heat resistance. The mylar aluminization on the outer surface reflects the majority of the radiant heat, minimizing the heat energy transfer through the blanket.

Dimensional Data: Available in 20oz/yd² (678 grams/m²) weight - coated 1 side only
Roll width available: 40” (1016 mm) and 60” (1525mm)
Nominal Thickness: 0.050” (1.27mm)

Breaking Strength:
Warp: 250lbs/inch
Fill: 100lbs/inch

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.
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Flame Resistance: The char length and the time required for a flame to extinguish. Test method 5903.
After flame: 2.0 seconds
Flammability Char length: 0.5 inches
Afterglow: 35 seconds
Low Temp. Resistance: No breaking, shattering, or cracking of the coating after conditioning for 4 hours at -20°F.

Supplied in custom lengths to meet application requirements up to 150ft (45m)

Installation: Depends on a wide variety of application parameters.

Cautionary Notes: Not recommended for extreme molten splash applications.