

Technical Data Sheet

Pyreflect™ Blanket

Product Name: Pyreflect™ Blanket

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

Temperature Capabilities: Rated for 650°F (343°C) continuous, 1000°F (537°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, 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/y² (678grams/mtr²) weight – coated 1 side only

Roll Width Available : 40" (1016 mm)/ 58" (1473mm)

Nominal Thickness: 0.050" (1.27mm)

Breaking Strength – Warp: 250lbs/inch

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

Low Temp. Resistance: No breaking, shattering, or cracking of the coating after conditioning for 4 hours at -20°F (-29°C).

Installation: Depends on a wide variety of application parameters.

Cautionary Notes: Not recommended for extreme molten splash applications.

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