

INSULFLEX®

Technical Data Sheet

Pyroblanket™ 96oz

Product Name: Pyroblanket™ 96 oz

Technical Description: 96 oz Pyroblanket™ is specially woven giving it high strength and high insulating properties. This super heavy-weight flexible fiberglass fabric is coated and impregnated on one side with a thick layer of specially compounded red, liquid silicone rubber. Insulflex® 96oz Pyroblanket™ is designed to provide excellent protection in the most severe industrial applications.



Temperature Capabilities: All grades of Pyroblanket™ are rated for -65°F to 500°F (-54°C to 260°C).

Short term flame exposure to 2000°F (1093°C) will start to transform silicone rubber to SiO₂. Base glass fabric is rated for continuous operation to 1000°F (538°C) with transient exposure to 1200°F (648°C). The base glass fabric will soften in the 1350°F to 1650°F (732°C to 898°C) range. Melting point for the base glass fabric is 2050°F to 2160°F (1121°C to 1182°C).

Product Overview: 96 oz Pyroblanket™ is available in 40" (1016mm) wide rolls. It is used primarily for fabrication of specialized covers where severe molten splash occurs. The Silicone rubber coating is completely impervious to water, moisture and hydraulic oils.

Nominal Weight: 96 oz/yd²

Nominal Thickness: 0.145" (3.68 mm)

Flame Resistance: Excellent

Abrasion Resistance: Excellent

Color: Iron oxide red on one side/ white other side

Installation: Depends on a wide variety of application parameters.

Cautionary Notes: Pyroblanket™ is not designed to protect personnel from impact projectiles

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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