

Technical Data Sheet

Pyroblanket™ 32oz

Product Name: Pyroblanket™ 32oz (1085 g/m²)

Technical Description: 32oz Pyroblanket™ is a specially woven, strong, mid-weight flexible fiberglass fabric which is coated and impregnated from both sides with a premium red, liquid silicone rubber. Insulflex® 32oz Pyroblanket™ is designed to exceed industry standards for outdoor and offshore use where resistance to moisture, sunlight, and corona is desirable. It is considered appropriate for use as high-grade welding protection cloth.



Temperature Capabilities: Pyroblanket™ is 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: 32oz Pyroblanket™ is available in 36" (915mm) and 60" (1525mm) wide rolls. It is used primarily in the fabrication of valve insulation covers, hanging flame protective blankets for outdoor and offshore use, and for protective welding curtain applications.

Pyroblanket™ is impregnated with a high-pressure roll process to ensure excellent adhesion. This is critical to its ability to withstand outdoor exposure to sunlight and moisture. It can be supplied in bulk rolls, fabricated shapes, or short lengths complete with grommets for hanging.

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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Property Data: Weight: 32oz/yd² (+/- 7.5%)

Nominal Thickness: 0.037" (0.940mm)

Flame Resistance: Flame Spread Index 0 ASTM E84-16

Smoke Development Index: 35 ASTM E84-16

Surface Flammability/Radiant Heat: Meets requirements of ASTM E162

Installation: Depends on a wide variety of application parameters.

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

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