

### Pyroblanket™ 32oz

Product Name: Pyroblanket™ 32 oz (1085 g/m<sup>2</sup>)  
Industrial Grade/Calendared

Technical Description: 32 oz Industrial grade calendared 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 32 oz industrial grade 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: All grades of Pyroblanket are rated for -65 to 500°F (-54 to 260°C). Short term flame exposure to 2000°F (1093°C) will start to transform silicone rubber to SiO<sub>2</sub>. 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 to 1650°F (732 to 898°C) range. Melting point for the base glass fabric is 2050 to 2160°F (1121 to 1182°C).

Product Overview: 32 oz Industrial calendared 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.

Calendared 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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## Pyroblanket™ 32oz

Weight: 32 oz/yd<sup>2</sup> (+/- 7.5%) ASTM-D3776-96

Mullens Burst Strength: 992 psi ASTM-D3786-87

Nominal Thickness: 0.037" (0.940 mm)

Tear Strength (lb): 56 warp STM-D5034-95  
52 fill

Tensile Strength (lbs/in<sup>2</sup>): 355 warp ASTM-D5587-96  
204 fill

Base fabric: Industrial Satin Weave

Colour: Iron oxide red

Flame Resistance :

Char Length: 1" max FED191/5903.2

Afterglow: 1 second max FED191/5903.2

Flameout: 5 second max FED191/5903.2

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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