



WORKING TEMPERATURE

CONTINUOUS: 500°F / 260°C
SHORT TERM: 2200°F / 1200°C

ADDED VALUE

- Bulk lengths available to reduce scrap
- Extensive stock for short lead times
- Can be custom fabricated
- Resists delamination at temperature extremes

MATERIAL COMPOSITION

- Bulk E-Glass fiber blanket
- Expertly woven insulating substrate
- High-temperature Silicone polymer
- Various widths and thicknesses

AVAILABILITY

- Pyrotex Blanket is supplied in 50 yd. rolls
- Only Available in 40" (1016mm)
- Additional blankets available upon request
- Stock product for fast turnaround
- Red Iron Oxide (RIO) color only

THERMAL PROTECTION

- Molten metal splash
- Welding curtain
- Direct flame impingement
- High ambient temperature
- Does not support combustion

NOMINAL THICKNESS:

- FB9640S 0.100" / 2.54mm

BURSTING STRENGTH:

- FB9640S 550psi / 38.5 kg/cm²



PYROTEX BLANKET
THERMAL BLANKET



Product Description

Pyrotex SG Blankets are high temperature heat resistant fabrics designed to meet the protection requirements for hoses, cables, equipment and machinery in all extreme heat environments. Pyrotex S/G blankets are made from woven fiberglass yarns and then coated with a durable, high grade silicone rubber compound. Pyrotex SG Blankets are water and oil resistant, flame retardant, and easily fabricated. The high temperature silicone rubber provides a flexible coating resistant to molten splash, welding spatter, direct flame, high heat, and wear. Pyrotex SG high temperature fabrics are frequently used for welding curtains, equipment covers and expansion joints, high temperature insulation boots for valves, flanges and fittings.

Applications

- Heavy-duty thermal and molten splash protection for heavy industrial and many other specific applications
- Commonly used as protection against welder spray
- Pyrotex Blanket can be custom fabricated and tailor-made to suit a wide variety of unique applications
- Provides a high-visibility wear-resistant, and flame-retardant barrier
- Specifically engineered with demanding industrial applications in mind

- Self-extinguishing Silicone-coated insulating blanket for versatile thermal protection
- Sheds molten metal splash and resists direct flame impingement
- Lightweight and highly flexible-- ideal as a welding shield or for fabrication
- Will not melt, burn, or support combustion-- does not emit toxic smoke
- Resistant to hydraulic fluids, fuels, lubricating oil, and water
- Extends service life of assemblies and provides personnel protection

Material Resistivity

- Molten metal splash= Excellent
- Direct flame= Excellent
- High temperatures= Excellent
- Oil resistance= Very good
- Water resistance= Very good
- Hydraulic fluid resistance= Very good
- Fuel resistance= Very good
- Wear resistance= Very good

ATLANTEX COLOR CODES (-##)

-10	Red Iron Oxide
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PYROTEX BLANKET PART NUMBERS

WIDTH	WEIGHT	PART NO
40" 1016 mm	96 oz/yd ² 3.3 kg/m ²	FB9640S

Additional blankets are available upon request