



Cool-Skin™ Blanket

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Designed to drastically reduce high surface temperatures to a safe touch condition, Cool-skin™ is an ideal safety solution for a variety of high temperature applications. Cool-Skin™ Blanket is an excellent product for protecting large areas including cylindrical, rectangular or irregular shaped tanks, large diameter pipes, valves and other equipment.

- Cool-Skin™ Technology**
- Leading the way in user friendly thermal safety protection, Worbo's Cool-Skin™ products are manufactured using flexible, clean, non-fibrous materials that do not contain fiberglass or release airborne particulates. Perfect for use in a variety of environments from heavy industrial applications to clean-room and laboratory settings.
 - Cool-Skin™ Blanket is supplied with a "peel and stick" sacrificial PSA (pressure sensitive adhesive) on one side for easy installation.
 - Cool-Skin™ Blanket can be used in multiple layers or in conjunction with other materials to achieve the desired degree of protection to meet your criteria.
 - Unlike traditional dated technologies that use glass as the insulating medium, Cool-Skin™ Blanket is easily cut to length in the field using an ordinary pair of scissors without "end fray" or releasing irritable fiber particulates.
 - Cool-Skin™ Blanket is resistant to moisture, UV, corona, ozone, oxidation, cosmic radiation, ionizing radiation, chemicals, etc. and exhibits considerable overall durability in a variety of environments.

Dimensional Data

Available in standard 33ft (10m) continuous length rolls; 1/4" (6mm) thick x 39.37" (1000mm). Other sizes can be manufactured to your specification.

Temperature

Rated from -112°F (-80°C) to 392°F (200°C) continuous.

Environmental Resistance

Excellent resistance to ozone, oxidization, UV, corona, cosmic radiation, ionising radiation and weathering in general.

Flammability

Meet the flammability requirements of FAR 25.853 (a) (1) (IV) and (a) (1) (v) horizontal flammability tests.

Radiation resistance
Dielectric Strength
Dissipation Factor
@ 50 c/s
Volume Resistivity
Density
Compression Stress
40% Strain
Tensile Strength
Elongation to failure

> 10⁵ Grays (10⁷ Rads) Typical
23kV.mm⁻¹
3 x 10⁻⁴
3 x 10¹⁵ Ω.cm
250+/- 40 kg/mtr³
90kPa
1.2N/mm²
200%



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www.worbo.com