



## Cool-Skin™ Tape

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Designed to insulate and 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™* Technology
- Leading the way in user-friendly thermal insulation and safety protection, *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™* Tape is extremely flexible and ideal for covering irregular-shaped segments of process lines, flexible hoses, fittings, cables, valves and other equipment.
  - *Cool-Skin™* Tape is supplied with a "peel and stick" sacrificial PSA (pressure sensitive adhesive) on one side for easy installation.
  - *Cool-Skin™* Tape can be used in multiple layers or in conjunction with other materials to achieve the desired degree of protection to meet your criteria.
  - *Cool-Skin™* Tape 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; 1/8" (3mm) thick x 2" (51mm) wide; or 1/4" (6mm) thick x 4" (102mm) wide Other sizes can be manufactured to your specification.
Temperature	Rated from -112°F (-80°C) to 392°F (200°C) continuous.
Thermal Conductivity	0.44 BTU-in/ft <sup>2</sup> /°F or .064 W/m/K
Environmental Resistance	Excellent resistance to ozone, oxidization, UV, corona, cosmic radiation, ionizing radiation and weathering in general.
Flammability	Meets the flammability requirements of FAR 25.853 (a) (1) (IV) and (a) (1) (v) horizontal flammability tests.
Radiation resistance	> 10 <sup>5</sup> Grays (10 <sup>7</sup> Rads) Typical
Dielectric Strength	23kV.mm <sup>-1</sup>
Dissipation Factor @ 50 c/s	3 x 10 <sup>-4</sup>
Volume Resistivity	3 x 10 <sup>15</sup> Ω.cm
Density	250+/- 40 kg/mtr <sup>3</sup>
Compression Stress 40% Strain	90kPa
Tensile Strength	1.2N/mm <sup>2</sup>
Elongation to failure	200%



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