



## Cool-Skin™ Jacket

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Rated to 392°F *Cool-Skin™ Jackets* are constructed from non- fibrous materials that are ideal for insulating equipment in environments that are sensitive to air born particulates. 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™ Jackets* will provide a precise fit around the part to be insulated allowing for elbows, valves, hanging brackets, controls, clamps, flanges etc. to guarantee maximum protection from heat loss.

- Cool-Skin™ Technology*
- Leading the way in user friendly thermal 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™ Jackets* are easily field cut using an ordinary pair of scissors. Cutting does not cause “end fray” nor does it release irritable fiber particulates typically indicative of dated technology that use glass as the insulating medium.
  - *Cool-Skin™ Jackets* provide excellent resistant to moisture, UV, corona, ozone, oxidation, cosmic radiation, ionizing radiation, chemicals, etc. and exhibits considerable overall durability in a variety of environments.
  - *Cool-Skin™ Jackets* are manufactured with a bright safety yellow protective neoprene coated jacket designed to alert personnel to potential danger.
  - Worbo offers a wide variety of closures and fasteners to facilitate easy removal and re-installation of the *Cool-Skin™ Jacket*. These fasteners include grommets with lacing wire, D-ring straps, ¼ turn fasteners, hook and loop (Velcro®), snaps, zippers, etc.

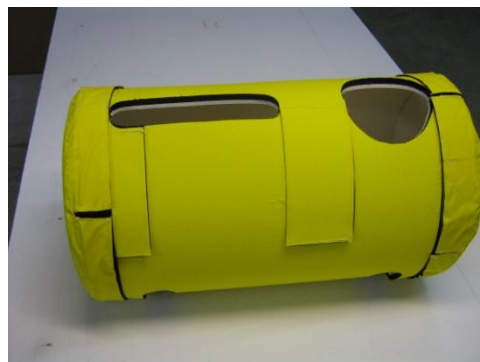
**Dimensional Data** Available in standard 1/4” (6mm) wall thickness. Other sizes can be manufactured to your specification.

**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** 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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[www.worbo.com](http://www.worbo.com)

