



Cool-Skin™ Wrap

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Designed to significantly reduce heat losses of hot flexible metal hoses while dropping the surface temperature to a safe touch condition, *Cool-Skin™* Wrap is an ideal insulation and safety solution for a variety of high temperature applications. *Cool-Skin™* Wrap is manufactured to fit over hot process pipes, steam/electrical tracers, heating tapes, flexible metal hoses and other equipment.

- 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 including clean-room and laboratory settings.
 - *Cool-Skin™* Wrap is the perfect solution for covering a broad range of pipe diameters/sizes throughout your facility using just one universal product. Simply vary the angle of installation to fit each of your applications.
 - Equipped with a hook and loop self-gripping closure, *Cool-Skin™* Wrap is easily field-installed (or removed for maintenance) without line disconnection.
 - *Cool-Skin™* Wrap is easily cut to length in the field using an ordinary pair of scissors without "end fray" or releasing irritating fiber particulates - typically indicative of dated technology that uses glass as the insulating medium.
 - *Cool-Skin™* Wrap is 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™* Wrap is manufactured with a bright safety yellow or orange color designed to alert personnel to potential danger.

Dimensional Data Available in standard 1/4" (6mm) wall thickness to fit pipe diameters sizes from 1/2 " (13mm) to 10"(245mm) and is supplied in standard continuous lengths of 33ft (10m). 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, 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 ⁵ Grays (10 ⁷ Rads) Typical
Dielectric Strength	23kV.mm ⁻¹
Dissipation Factor	
@ 50 c/s	3 x 10 ⁻⁴
Volume Resistivity	3 x 10 ¹⁵ Ω.cm
Density	250+/- 40 kg/mtr ³
Compression Stress	
40% Strain	90kPa
Tensile Strength	1.2N/mm ²
Elongation to failure	200%



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