

Eko-Therm™ Jacket

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Our *Eko-Therm™* Jackets are specially designed for applications ranging in temperature up to 1000°F. These removable jackets are designed with our unique *Eko-Therm™* covering to provide a thermal barrier to external radiant and convective heat sources. Our design and fabrication team provides removable jackets that ensure precise fitting to guarantee maximum protection.

Worbo Technology

- Leading the way in user friendly thermal safety protection, Worbo's *Eko-Therm™* products are manufactured from flexible mylar aluminized fabrics to provide a unique combination of thermal insulation and heat reflective qualities.
- The ability to reflect radiant heat makes our *Eko-Therm™* Blanket an excellent choice for maintaining cooling process line temperatures in high ambient conditions or alongside external radiating heat sources.
- Up to 90% of external heat sources are reflected away from the *Eko-Therm™* Blanket mirror like surface.
- Our *Eko-Therm™* Jacket is easily cut in the field using an ordinary pair of scissors to accommodate valves, brackets, clamps etc.
- Worbo offers a wide variety of closures and fasteners to facilitate easy removal and re-installation of the *Eko-Therm™* 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 virtually any size and dimension.

Temperature

Rated to 500°F (260°C) continuous.

Environmental Resistance

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

Flammability

1.0 second flame resistance after flame – ASTM D6413
13 mm char length – ASTM D6413

Radiation Reflectivity

15 seconds – MIL-C-24929A

Breaking Strength

... Warp

1780 N – ASTM D5034

... Fill

1335 N – ASTM D5034

Adhesion foil / fabric

No separation



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