



Eko-Therm™ Sleeve

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This innovative product is ideal for protecting critical hoses, pipes, cables and other equipment from environmental hazards such as high heat, molten metal or high pressure steam.

- Eko-Therm™ 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™* Sleeve 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™* Sleeve mirror like surface.
 - Using Worbo technology, *Eko-Therm™* Sleeve is supplied with a hook and loop closure for easy installation/removal. It is easily field installed (or removed for maintenance) without line disconnection.
 - Our *Eko-Therm™* Sleeve is easily cut to length in the field using an ordinary pair of scissors without "end fray" or releasing irritable fiber particulates typically indicative of dated technology that use glass as the insulating medium.
 - *Eko-Therm™* Sleeve 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 to fit pipe diameter sizes from ½" (13mm) to 10" (245mm) and is supplied in standard continuous lengths of 33ft (10m). Other sizes can be manufactured to your specification.

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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