

## HT Jacket

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Our *HT Jackets* are specially designed for applications ranging in temperature from 500°F to 2000°F. Worbo's design and fabrication team provide removable jackets that ensure precise fitting to allow for inlets/outlets, electrical connections, hanging brackets, controls, clamps, flanges etc. to guarantee maximum protection from heat loss.

### Worbo Technology

- *HT Jackets* are typically constructed in 3 layers to provide maximum insulation properties to meet or exceed maximum surface temperature requirements.
- Layer 1 (Outer Cold Face) - Constructed from our MSA blanket, this protective silicone coated fiberglass cover provides excellent abrasion resistance and resistance from spills including molten splash.
- Layer 2 (Middle) - Typically constructed from our Insulmat™ insulation medium consisting of needled fiberglass composed of 100% E type glass fibres. Depending on the application requirements this layer is typically ½ to 1" thick but may vary.
- Layer 3 (Inner Hot Face) - Depending on temperature requirements the inner layer encapsulating the insulation medium may be constructed from either Worbo's HTB or our stainless steel mesh.
- Worbo offers a wide variety of closures and fasteners to facilitate easy removal and re-installation of the *HT Jacket*. These fasteners include grommets with lacing wire, D-ring straps, ¼ turn fasteners, hook and loop (Velcro®), snaps, zippers, etc.
- *HT Jacket* offers outstanding protection in electrical insulation applications with good dielectric strength.
- Due to its low thermal conductivity this insulation solution offers quick payback for applications above 400°F.

### Dimensional Data

Available in virtually any size and dimension.

### Temperature

Rated for 500°F (260°C) up to 2000°F (1093°C) continuous.

### Environmental Resistance

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

### Flammability

Outstanding flame resistance and is absolutely fireproof.



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