



## ***Insulated MSA Panels***

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Our *Insulated MSA Panels* offer a superior thermal barrier and are specially designed for applications ranging in temperature up to 500°F. This medium duty high temperature barrier combines excellent weather resistance and spatter resistance to outperform most standard woven fibrous cloths. Worbo's design and fabrication team provides insulated panels that ensure precise fitting to allow for valves, brackets, controls, clamps, etc. to guarantee maximum protection from heat loss.

### ***Worbo Technology***

- *Insulated MSA Panels* are typically constructed in 3 layers to provide maximum insulation properties to meet or exceed maximum temperature requirements.
- Layer 1 (Outer) - 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 1" thick but may vary.
- Layer 3 (Inner) – Constructed from our MSA blanket similar to the outer layer.
- The hydrophobic, low surface energy, non-stick properties of the silicone coating repels hot metal spatter, sparks, flame and intense heat.
- Worbo offers a wide variety of hangers and fasteners to facilitate easy removal and re-installation of the *Insulated MSA Panels*. These fasteners include grommets, turned over rod pockets, ¼ turn fasteners, hook and loop (Velcro®), snaps, etc.

### **Dimensional Data**

Available in virtually any size and dimension.

### **Temperature**

Rated for 500°F (260°C) continuous and will protect against short duration temperature extremes of 2000°F (1093°C).

### **Environmental Resistance**

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

### **Flammability**

Non-flammable – Self extinguishing.



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