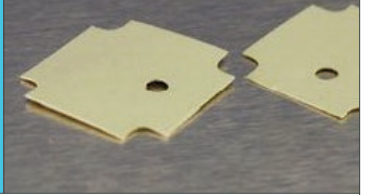


WESTHERM[™] FILM-FM



Modus Advanced Inc.'s WesTherm[™] Film-FM is a general purpose, heat conductive silicone rubber with a 0.05 mm fiberglass cloth reinforcement. Like other silicone compounds, this material exhibits superior resistance to heat and cold while maintaining its physical properties and electrical insulating characteristics. It also displays excellent resistance to weather, corona discharge, arc, ozone and chemicals. Since this material is applied without grease, associated contamination issues and costs are eliminated. Applications include cushioning for devices such as transistors that require protection from damaging shock, vibration and deformation. This material is available in thicknesses of 0.15mm, 0.20mm and 0.30mm.

APPLICATIONS

METHOD OF APPLICATION: This material is available with a pressure sensitive adhesive (PSA).

- Cushioning for devices such as transistors that require protection from deformation, shock and vibration

FEATURES AND BENEFITS

- Heat conductive
- Fiberglass cloth reinforced
- Excellent weather, chemical, ozone corona discharge and arc
- Superior heat and cold resistance
- Grease-free application

TYPICAL PROPERTIES

- Color: Greenish Gray
- Thickness (mm): 0.15^{+0.02/-0.04}, 0.20^{+0.02/-0.04}, 0.30^{+0.10/-0}
- Material: Binder: Silicone; Filler: Alumina; Reinforcement: Fiberglass
- Thermal Resistance (°Cin²/W): 0.51, 0.56, 0.66
- Thermal Resistance w/PSA (°Cin²/W): 0.78, 0.83, 0.93
- Specific Gravity (g/cm³): 2.18
- Hardness (ASTM D2240) (type A): 87, 87, 92
- Tensile Strength (kN/m): 11
- Elongation (%): 2 or less
- Volume Resistivity (MΩ-m): 1.0 x 10⁷
- Withstand Voltage (kV/minute): 4, 6, 7
- Dielectric Constant (1KHz): 2.5, 3.2, 3.5
- Maximum Use Temperature: -60°C to + 180°C

AVAILABILITY

- Die-cut or trimmed to any proprietary shape

CUSTOMERS ALSO SEARCHED:

- | | |
|-----------------------------|-----------------------------|
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| thermal material | thermal interface pad |
| thermal interface materials | thermally conductive pad |
| thermal putty | silicone gap filler |
| thermal conductive pad | conductive pads |
| gapfiller | thermal pad material |
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MODUS ADVANCED TAKES YOU FROM IDEA TO IGNITION



IDEA



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SOLUTION



IGNITION



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