WestTherm™ Film-FM

Modus Advanced Inc.’s WestTherm™ 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 (°C/m²/W): 0.51, 0.56, 0.66
- Thermal Resistance w/PSA (°C/m²/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:

- gap filler
- thermal material
- thermal interface materials
- thermal putty
- thermal conductive pad
- gap filler
- thermal gap pad
- thermal gap filler
- thermal interface pad
- thermal materials
- thermal silicone
- heat transfer pad
- thermal interface pad
- thermally conductive pad
- silicone gap filler
- conductive pads
- thermal pad material
- silicone thermal pad
- thermally conductive rubber
- thermal conductive pads
- what is a thermal pad

IDEA
You design the perfect part

ENGINEERING
You specify the best material

SOLUTION
We strategically plan

IGNITION
We produce and deliver

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