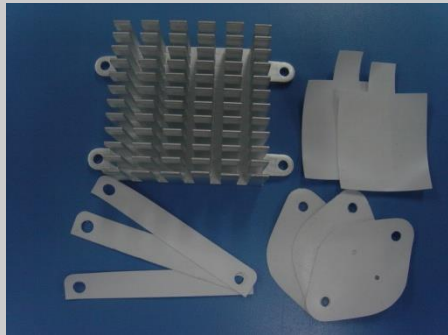


**Features and Benefits**

- 5.0W/m-K thermal conductivity
- High breakdown voltage
- Tough and high tensile strength
- Electrically Isolating



**Typical Applications**

- Automotive control units
- Power supply
- Audio and video component
- General high pressure interface

**Optional Configurations**

- Can be die-cut into specific dimensions

The OI-2000 series offers high thermal performance and high dielectric strength. It is suitable for applications where electrical isolating property is needed.

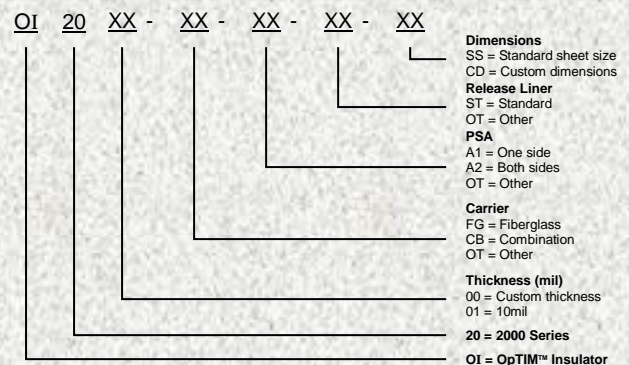
OI-2000 has high tensile strength and can prevent surface penetration by sharp intrusion hence, ensuring its electrical isolating properties. OI-2000 is ROHS compliant and halogen free, offering extra reassurance in applications where hazardous substances are forbidden.

Properties	OI-2000 Series	Test Method
Construction & Composition	Reinforced soft silicone elastomer	—
Color	White	Visual
Thickness Range /inch (mm)	0.01~0.03" (0.254~0.762) in 0.01" (0.254) increments	—
Standard Sheet Size	9" x 9"	—
Density /g.cm <sup>-3</sup>	2.58	—
Hardness /Shore 00	80	ASTM D2240
Tensile Strength /psi	868	ASTM D412
Temperature Range /°C	-40~200°C	—
Thermal Conductivity W.m <sup>-1</sup> .K <sup>-1</sup>	5.0	ASTM D5470 (modified)
Breakdown Voltage /V	>5000	ASTM D149
Volume Resistivity /ohm.cm	5.5 x 10 <sup>13</sup>	ASTM D257
Dielectric Constant @ 1MHz	3.8	ASTM D150
Shelf Life /Months	24	—

Please contact us for other special requirements

Carrier Treatment	Criteria
Fiber Glass (FG)	Compulsory for all thickness
Rubberized Cloth (RC)	Not Recommended
Pressure Sensitive Adhesive (PSA)	Optional to all thickness
Detachable Adhesive (DA)	Not Recommended
Aluminum Foil (AL)	Not Recommended
Kapton (PI)	Not Recommended
Talc treatment (DAT)	Not Recommended

**Product Code and Descriptions**



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