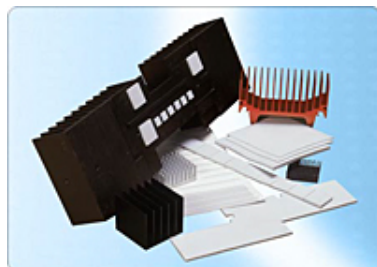


## Item # Tflex 2130 V0, Tflex™ 200 V0 Series Gap Filler Material



### Tflex™ 200 V0 Series Gap Filler Material

#### Stock Locator

The Tflex™ 200 V0 Series is a very soft, free standing gap filler that is more compressible than most gap fillers. Tflex™ 200 V0 combines good thermal conductivity of 1.1 W/m-K with high compressibility to produce low thermal resistance. The alumina filler allows Tflex™ 200 V0 to remain a cost effective solution where moderate thermal performance is acceptable. Tflex™ 200 V0 is naturally tacky and does not need an additional adhesive coating that can inhibit thermal performance. Tflex™ 200 V0 is electrically insulating, stable from -40°C to 160°C and meets UL 94 V0 rating.

## SPECIFICATIONS

Construction and Composition	Ceramic filled, silicone elastomer
Color	Light Gray
Thickness	0.130 inches 3.302 mm
Thickness Tolerance	±0.012 inches ±0.300 mm
Specific Gravity	1.73 g/cm³
Hardness	45 Shore OO
Test Method - Hardness	ASTM D2240
Tensile Strength	48 psi
Test Method - Tensile Strength	ASTM D412
Elongation	63.0 %
Test Method - Elongation	ASTM D412
Outgassing TML (Post Cured)	0.34 %
Test Method - Outgassing TML (Post Cured)	ASTM E595
Outgassing CVCM (Post Cured )	0.10 %
Test Method - Outgassing CVCM (Post Cured )	ASTM E595
UL Flammability Rating	94 V0

Shelf Life	Indefinite
Temperature Range	-40 to 160 °C
Thermal Conductivity	1.50 W/m-K
Test Method - Thermal Conductivity	ASTM D5470 (modified)
Thermal Resistance at 10 psi	3.500 °C-in <sup>2</sup> /W
Thermal Resistance at 69 KPa	22.56 °C-cm <sup>2</sup> /W
Test Method - Thermal Resistance	ASTM D5470 (modified)
Test Method - Coefficient of Thermal Expansion	IPC-TM-650 2.4.24
Breakdown Voltage	>27000 VAC
Test Method - Breakdown Voltage	ASTM D149
Volume Resistivity	4 x 10 <sup>13</sup> ohm-cm
Test Method - Volume Resistivity	ASTM D257
Dielectric Constant at 1 MHz	5.50
Test Method - Dielectric Constant	ASTM D150
Dissipation Factor at 1 MHz	0.002
Test Method - Dissipation Factor	ASTM D150
Sheet Sizes	18 x 18 inches 9 x 9 inches 229 x 229 mm 457 x 457 mm

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