

Technical Data Sheet

Product Description:

PS-1545 is a soft 5W/m K silicone based thermally conductive gap filler.

Construction / Properties:

Property	Value	Test Method
Color	Gold	Visual
Carrier	Fiberglass	--
Thickness Range	0.5 - 5.0 mm	ASTM D374
Dielectric Strength	>5000 V _{AC}	ASTM D149
Thermal Conductivity	5.0 W/m K	ASTM D5470
Hardness (Shore 00)	45	ASTM D2240
Continuous Use Temperature	-60° to 200°C	--
Flammability Rating	V-0	UL 94
RoHS Compliant	Yes	--

General Information:

PS-1545 is a soft silicone based thermally conductive gap filler. It is used extensively within the electronics market in applications which require very low application pressures on components. PS-1545 has good wet-out on both flat and contoured profiles. The soft nature of the product provides excellent shock absorbance and makes it ideal for both smooth and rough surfaces. It has a slightly tacky surface to aid in placement and offers reinforcement to enhance converting properties, tear and puncture resistance.

Features:

- High Thermal Conductivity
- Good Compressive Properties
- Excellent Wet-Out
- Superb Flexibility
- Great Compression Characteristics
- Excellent Converting Properties

Specific tests should be performed by the end user to determine the product suitability for the particular application.