

## Technical Data Sheet

### Product Description:

PS-1542 is an ultra-soft 2 W/m K silicone based thermally conductive gap filler.

### Construction / Properties:

Property	Value	Test Method
Color	Blue	Visual
Carrier	Fiberglass	--
Thickness	0.5 - 5.0 mm	ASTM D374
Dielectric Strength	>5000 V <sub>AC</sub>	ASTM D149
Thermal Conductivity	2.0 W/m K	ASTM D5470
Hardness (Shore 00)	35	ASTM D2240
Continuous Use Temperature	-60° to 200°C	--
Flame Rating	V-0	UL 94
RoHS Compliant	Yes	--

### General Information:

PS-1542 is an ultra-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-1542 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



1-800-773-0062  
[www.marianinc.com](http://www.marianinc.com)

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

Polymer Science, Inc.  
888-533-7004  
[www.polymerscience.com](http://www.polymerscience.com)