

Silicone-Free Heat Sink Compound Product# 1978

Product Description

Silicone-Free Heat Sink Compound draws heat away when applied to a component. In electronics, heat sink compound is generally used to thermally bond a component with a mechanical heat sink. For electrical applications, it is used with thermocouple wells, thermistors, and calrods, or wherever efficient cooling is required.

Ideal for electronic applications where silicone contamination hurts solder ability and increase solder defects.

Features / Benefits

- Thermal conductivity - 0.92 W/m-K
- Functional temperature range -40°F to 392°F (-40°C to 200°C)
- Non-ozone depleting
- Avoid solder defects due to silicon contamination
- Easy application
- Will not separate, harden or crack

Packaging and Availability

1978-DP	4 oz. tube, 24 tubes / case
1978-1	1 pound jar, 12 jars / case

Environmental Policy

Techspray® is committed to developing products to ensure a safer and cleaner environment. We will continue to meet and sustain the regulations of all federal, state and local government agencies.



Typical Product Data and Physical Properties

Physical state:	Solid (paste)
Flash point:	Closed cup: 564.8°F (296°C)
Color:	Gray
Boiling/condensation point:	399.2°F (204°C)
Vapor pressure:	0.013 kPa (0.1mmHg)
Evaporation rate:	0.01 (butyl acetate = 1)
Shelf life:	5 years

Resources

Techspray® products are supported by global sales, technical and customer services resources.

For additional technical information on this product or other Techspray® products in the United States, call the technical sales department at 800-858-4043, email tsales@techspray.com or visit our web site at: www.techspray.com.

Important Notice to Purchaser/User: The information in this publication is based on tests that we believe are reliable. The results may vary due to differences in tests type and conditions. We recommend that each user evaluate the product to determine its suitability for the intended application. Conditions of use are outside our control and vary widely. Techspray's only obligation and your only solution is replacement of product that is shown to be defective when you receive it. In no case will Techspray® be liable for any special, incidental, or consequential damages based on breach of warranty, negligence or any other theory.