

Silicone Free Heat Sink

1978

Heat sink 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.







Heat-sink for electronics, avoid silicone contamination

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

- 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
- · Will not harden and crack

Product Packaging

1978-DP Silicone Free Heat Sink Comp 4 oz 24 units/case

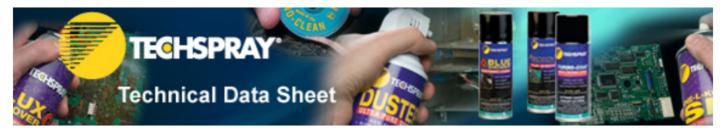


1978-1 Silicone Free Heat Sink 1 lb 1 units/case



Technical Information





Chemical Composition

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Performance & Application Data

Consistency (Penetration, worked, 60X)	320
Bleed, @200C, 24 hrs, %/wt	0.1
Evaporation, @200C, 24 hrs, %/wt	0.6
Thermal Conductivity, @36C, W/m-K	0.92
Dielectric strength, 0.05" gap, V/mil	305
Dielectric constant, 25C @1,000 Hz	4.50
Dissipation factor, 25C @1000 Hz	0.0029
Volume Resistivity, ohm-cm	1.65 x 10^14
Operating Temperature Range	-40C to 200C
Flow rate, grams/min	4 to 6.5

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.

Resources

Techspray products are supported by a 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.

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