



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 calorods, or wherever efficient cooling is required.

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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



Techspray
8125 Cobb Center Drive,
Kennesaw, GA 30152
800-858-4043 • www.techspray.com



Chemical Composition

CHEMICAL NAME	CAS #
Zinc oxide	1314-13-2
NJ Trade Secret Reg. #00840600-5000P	
NJ Trade Secret Reg. #00840600-5001P	
NJ Trade Secret Reg. #00840600-5002P	

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.

North America

Techspray
P.O. Box 949
Amarillo, TX 79105
800-858-4043
Email: tsales@techspray.com

Europe

ITW Contamination Control
Saffierlaan 5
2132 VZ Hoofddorp
The Netherlands
+31 88 1307 400
Email: info@itw-cc.com

Countries Outside US

Call to locate a distributor in your country.



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