



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## 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.

[Request More Info](#)



### 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](http://www.techspray.com)



# TECHSPRAY<sup>®</sup>

## Technical Data Sheet

### 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 <sup>14</sup>
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](mailto:tsales@techspray.com) or visit our web site at: [www.techspray.com](http://www.techspray.com).

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#### Countries Outside US

Call to locate a distributor in your country.



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