

**Ther-O-Link**

Ther-O-Link is a silicone-based thermal compound that cost effectively enhances the heat transfer between a semiconductor case and a heat sink. Easy to apply, Ther-O-Link substantially reduces dry interface thermal resistance, while providing long life under a variety of conditions.

>> [MSDS Safety Sheet for Ther-O-Link in PDF format](#) 104K

<b>Color</b>	White
<b>Thermal Conductivity</b>	0.73 W/(m-K)
<b>Operating Temperature Range</b>	-40°C to 200°C
<b>Volume Resistivity</b>	1.0 x 10 <sup>15</sup> Ohm-cm
<b>Dielectric Strength</b>	250 Volts/mil
<b>Consistency</b>	Paste
<b>Bleed</b>	0.6 max
<b>Specific Gravity</b>	2.8
<b>Shelf Life</b>	2 years from DOM <sup>1</sup>

(1) Stated shelf life is from date of manufacture. To allow for inventory cycle, product shipped from Aavid will have less than 24 months remaining shelf life. Aavid guarantees a minimum of 3 months remaining shelf life. Please adjust order quantity so all product will be consumed within 3 months of date of shipment. It is recommended that the containers be turned over every 6 months to minimize settling for ease of mixing.

















**Ther-O-Link Resistance Calculator**

<del>Enter the area of the device that will contact the heat sink:</del>	<input type="text"/> mm <sup>2</sup>
<del>Enter the grease thickness:</del>	<input type="text"/> mm
<b>Interface Resistance =</b>	<input type="text"/>

**Formula**

$$\text{interface resistance} = \frac{\text{interface thickness (mm)} * 1000}{\text{thermal conductivity (W/m-K)} * \text{contact area (mm}^2\text{)}}$$

Ordering Information

Part Number	RoHS	PCN	Package	Size
100000F00000G	RoHS  <b>Compliant</b>	 Product Change Notice	Ampule	1g.
100100F00000G	RoHS  <b>Compliant</b>	 Product Change Notice	Syringe	35.7 grams (1.25 Oz.)
100200F00000G	RoHS  <b>Compliant</b>	 Product Change Notice	Tube	57 grams (2.0 Oz.)
100500F00000G	RoHS  <b>Compliant</b>	 Product Change Notice	Tube	143 grams (5.0 Oz.)
100800F00000G	RoHS  <b>Compliant</b>	 Product Change Notice	Can	228.6 grams (8.0Oz.)
101600F00000G	RoHS  <b>Compliant</b>	 Product Change Notice	Can	.45 kg (1 lb)
108000F00000G	RoHS  <b>Compliant</b>	 Product Change Notice	Can	2.27 kg (5 lb)
132000F00000G	RoHS  <b>Compliant</b>	 Product Change Notice	Can	9.07 kg (20 lb)



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