

# Non-Silicone Thermal Interface



## Product Guide



Original Non-Silicone Thermal Greases		
Product Code	W/m-K	Product Features
<b>52022</b> (AOS 300)	0.9	The original non-silicone thermal grease (and progressively softer variants) developed by AOS for AT&T in the early 1970's. Meets KS 21343, Mil-C-47113 type II and is NSN 685-00-114-34853.
<b>53299</b> (AOS 320)	0.9	
<b>53300</b> (AOS 370)	0.8	
<b>52032</b> (AOS 400)	0.8	
Non-Metal Thermal Greases		
<b>52054</b> (AOS 340 LR)	1.3	Lowest Thermal Resistance 0.031°C in <sup>2</sup> /W no pump out
<b>52051</b> (WC HTC 90)	2.5	Water cleanable; thixotropic; high thermal conductivity
<b>52056</b> (HTC 35)	3.0	Zinc oxide free with high flow
<b>52050</b> (HTC 80)	3.8	High flow; easy spreading; high thermal conductivity
Metal-Filled Thermal Greases		
<b>52160</b> (WC HTC 50)	2.5	High flow; very low resistance at low bond-line
Electrically Conductive Thermal Greases		
<b>57000</b> (AOS ECG)	1.4	Electrically conductive, silver filled
<b>57001</b> (AOS ECG)	1.0	Low cost, electrically conductive; contact lube
High Temperature Thermal Greases		
<b>54011</b> (XT)	0.9	Most economical high temperature (250°C)
<b>52030</b> (XT 2)	1.3	Low outgassing; high temperature (250°C)
<b>52039</b> (XT 3)	0.7	Lowest outgassing; very high viscosity (250°C)
<b>52034</b> (XT4)	5.0	High W/m-K; moderate viscosity, high temp (250°C)

Patented Thermal Pads (**Not Phase Change Material) Zero Pump out		
Product Code	°C-in <sup>2</sup> /W @ 55°C 10 - 70 psi	Product Features
<b>Micro-Faze K-6</b>	0.55 - 0.38	Electrically Insulating
<b>Micro-Faze 3A-4</b>	0.08 - 0.039	4 mil, Lowest Resistance
<b>Micro-Faze 3A-6</b>	0.14 - 0.07	6 mil thickness



Gap Fillers		
Product Code	W/m-K	Product Features
<b>52041</b>	2.2	Pre-formed gap filling pad
One-Part Dispensable Gap Filler		
<b>53053</b>	3.2	Same as 52053 with higher flow
<b>52060</b>	5.4	High Conductivity Gap Filler; economical
<b>52070</b>	8.0	Highest Conductivity Gap Filler



The **Most Durable** Thermal Interface Materials

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