

Non-Silicone Thermal Interface



Product Guide



Original Non-Silicone Thermal Greases		
Product Code	W/m-K	Product Features
52022 (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.
53299 (AOS 320)	0.9	
53300 (AOS 370)	0.8	
52032 (AOS 400)	0.8	
Non-Metal Thermal Greases		
52054 (AOS 340 LR)	1.3	Lowest Thermal Resistance 0.031°C in ² /W no pump out
52051 (WC HTC 90)	2.5	Water cleanable; thixotropic; high thermal conductivity
52056 (HTC 35)	3.0	Zinc oxide free with high flow
52050 (HTC 80)	3.8	High flow; easy spreading; high thermal conductivity
Metal-Filled Thermal Greases		
52060 (WC HTC 100)	5.4	Easy spreading; thixotropic
52160 (WC HTC 50)	2.5	High flow; very low resistance at low bond-line
Electrically Conductive Thermal Greases		
57000 (AOS ECG)	1.4	Electrically conductive, silver filled
57001 (AOS ECG)	1.0	Low cost, electrically conductive; contact lube
High Temperature Thermal Greases		
54011 (XT)	0.9	Most economical high temperature (250°C)
52030 (XT 2)	1.3	Low outgassing; high temperature (250°C)
52039 (XT 3)	0.7	Lowest outgassing; very high viscosity (250°C)
52034 (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 ² /W @ 55°C 10 - 70 psi	Product Features
Micro-Faze K-6	0.55 - 0.38	Electrically Insulating
Micro-Faze 3A-4	0.08 - 0.039	4 mil, Lowest Resistance
Micro-Faze 3A-6	0.14 - 0.07	6 mil thickness



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



The **Most Durable** Thermal Interface Materials

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