



# Non-Silicone Thermal Interface Product Guide



Original Non-Silicone Thermal Greases		
Product Code	W/mK	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 <sup>2</sup> /W no pump out
52055 (AOS 340 WC)	1.3	Water cleanable, easy spreading, low thermal resistance
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)	5.0	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)	2.7	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	5.0	High W/mK; 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 PSI – 70 PSI	Product Features
Micro-Faze A-4	0.20 - 0.10	4 mil thickness
Micro-Faze K-6	0.55 - 0.48	Electrically Insulating
Micro-Faze 3A-4	0.08 - 0.039	Lowest Resistance
SURE FORM		
Gap Fillers		
Product Code	W/mK	Product Features
52041	2.2	Pre-formed gap filling pad
One-Part Dispensable Gap Filler		
52053	2.5	Low pump out, tacky gap filler
52070	7.0	High Conductivity Gap Filler
One-Part Gap Filling Gel		
52057	1.7	Easy spreading, gap filling gel



The **Most Durable** Thermal Interface Materials

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