



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		
52055 (AOS 340 WC)	1.3	Water cleanable, easy spreading, low thermal resistance
52155 (AOS 250 WC)	1.3	Water cleanable, low resistance, resists pump out
52255 (AOS 300 AZ)	1.3	WC, Absolute Zero® pump out, low resistance
52051 (WC HTC 90)	4.6	Water cleanable; thixotropic; high thermal conductivity
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, very low resistance
52160 (HTC AZ 140)	6.0	Absolute Zero® Pumpout Lowest Resistance
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		
52030 (XT 2)	0.9	Low outgassing; high temperature use to 290 °C
52039 (XT 3)	0.7	Lowest outgassing; thicker viscosity (290 °C)
54011 (Silicone XT)	0.9	High temperature, silicone based (250 °C)

Patented Thermal Pads (**Not Phase Change Material) Absolute Zero® Pump out

Product Code	°C in ² /W @ 55°C 10 PSI – 70 PSI	Product Features
Micro-Faze A-4	0.20 - 0.10	4 mil thickness
Micro-Faze A-6	0.25 - 0.18	6 mil thickness
Micro-Faze K-6	0.55 - 0.48	Electrically Insulating
Micro-Faze 2 K-6	0.35 - 0.19	Lower Resistance
Micro-Faze 3 A-4	0.08 - 0.039	Lowest Resistance



Pre-Formed Gap Filling Pad

Product Code	W/mK	Product Features
52041	2.2	Pre-formed gap filling pad
One-Part Dispensable Gap Filler		
52153	3.5	High temp, tacky gap filler
52070	6.0	High Conductivity Gap Filler
One-Part gap Filling Gel		
52057	1.7	Easy spreading, gap filling gel

High Performance and Durability



Thermal Compounds

22 Meridian Road #6 Eatontown, NJ 07724 P (732) 389-5514 F (732) 389-6380 www.aosco.com