

Non-Silicone Product Guide



Patented Dry-to-the-Touch Thermal Grease Pads

Product Code	°C in ² /W	Product Features
Micro-Faze A-4	0.144	4 mil thickness
Micro-Faze A-6	0.183	6 mil thickness
Micro-Faze K-6	0.335	Electrically isolating
Micro-Faze K-7	0.480	Greater electrical isolation
Micro-Faze C-10	0.104	Low resistance, 10 mil thickness



Pre-Formed Gap Filling Pads

Product Code	W/mK	Product Features
52052	1.3	Pre-formed gap filling pad

One-Part Gap Fillers

52153	2.5	High temp, tacky gap filler
52253	3.0	High temp, tacky gap filler
52353	4.5	Metal-filled gap filler

One-Part Gap Filling Gel

52057	1.7	Easy spreading, gap filling gel
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Original Formulation Products

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 Products

52055 (AOS 340)	1.3	Water cleanable, excellent stability, low BLT
52051 (WC HTC)	1.9	Water cleanable with higher thermal conductivity
52056 (HTC 35)	1.5	Zinc oxide free with high flow
52056-1 (HTC 55)	2.4	Zinc oxide free, thixotropic
52050 (HTC 80)	3.3	High thermal conductivity, non-silicone, non-metal

Metal-Filled Products

52060 (HTC 100)	4.5	Easy spreading, low BLT
52070 (HTC 140)	5.9	Higher viscosity
57000 (AOS ECG)	2.7	Electrically conductive, silver filled
57001 (AOS ECG)	1.0	Low cost, electrically conductive

High Temperature Products

52027 (XT)	0.7	High temperature use to 350°C
52030 (XT 2)	0.9	High temperature use to 290°C
52039 (XT 3)	0.7	Low out gassing (290°C)

Silicone Products

54011 (Silicone XT)	0.9	High temperature, silicone based (250°C)
54013	0.7	Low cost, silicone based
54015	4.5	Metal filled, silicone based