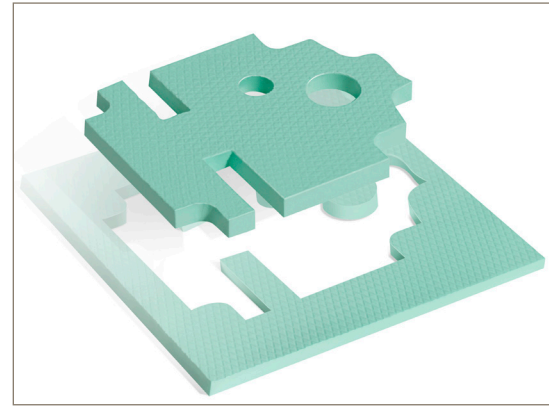


THERM-A-GAP™ PAD 60

ULTRA-SOFT, HIGH PERFORMANCE
THERMALLY CONDUCTIVE GAP FILLER PAD

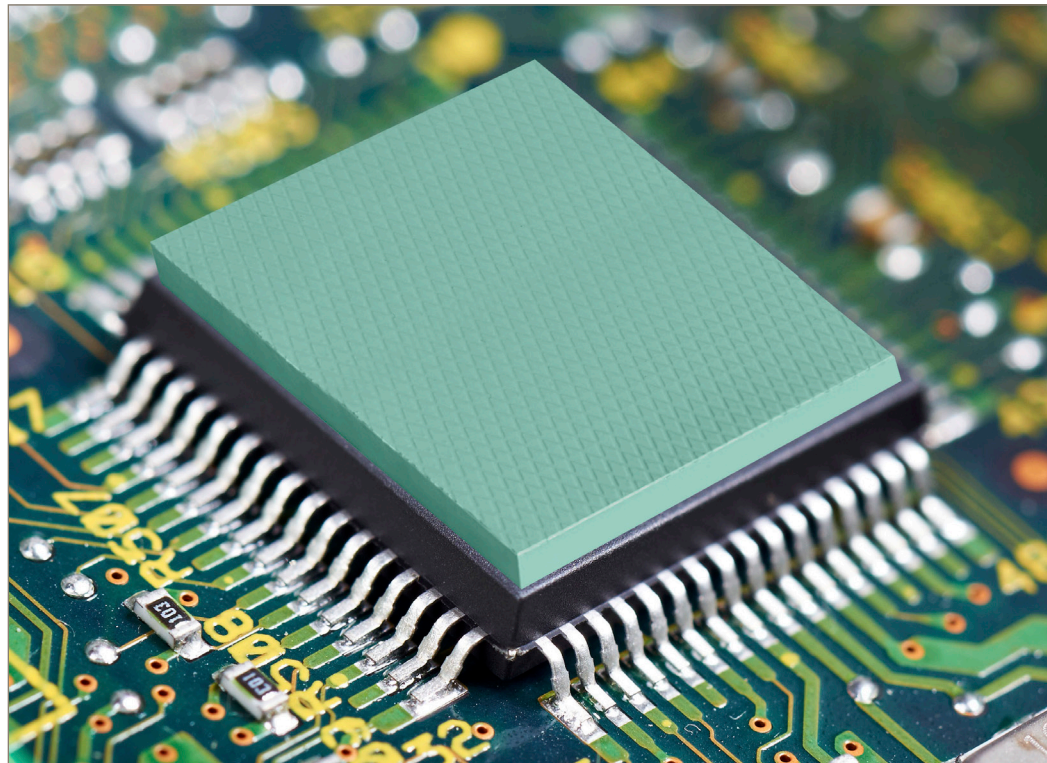


Customer Value Proposition:

Parker Chomerics THERM-A-GAP™ PAD 60 is an ultra-soft, ultra-conformable high performance thermally conductive gap filler pad with 6.0 W/m-K thermal conductivity.

THERM-A-GAP PAD 60 offers the combination of both excellent thermal conductivity and ultra-soft conformability, along with very low outgassing to provide an effective thermal interface between heat sinks and electronic devices where there are uneven surfaces, air gaps and rough surface textures may exist.

It's gel-like modulus allows it to conform to surface irregularities and adhere to a wide range of shapes and sizes.



Product Features:

- 6.0 W/m-K thermal conductivity
- Ultra low deflection force
- High thermal conductivity
- Gel-like modulus
- "A" version offers high strength acrylic PSA for permanent attachment
- UL recognized V-0 flammability
RoHS compliant

Typical Applications:

- Telecommunications equipment
- Consumer electronics
- Automotive electronics (ECUs)
- LEDs, lighting
- Power conversion
- Desktop computers, laptops, servers
- Handheld devices
- Memory modules
- Vibration dampening

Product Information

THERM-A-GAP PAD 60

THERM-A-GAP PAD 60			
Typical Properties†		PAD 60	Test Method
Physical	Color	Green	Visual
	Carrier Options: A = Aluminum foil w/ pressure sensitive adhesive (PSA) None (unsupported) = No letter suffix	PAD60A PAD60	--
	Standard Thicknesses*, in. (mm)	0.020 - 0.200 (0.50 - 5.0)	ASTM D374
	Specific Gravity	3.3	ASTM D792
	Hardness, Shore 00	31	ASTM D2240
	Percent Deflection @ Various Pressures** (0.100 in thick sample)	% Deflected	ASTM C165 MOD (0.10 in "A" Carrier, 0.50 in dia. probe, 0.025 in/min rate)
	@ 5 psi (34 kPa)	12	
@ 10 psi (69 kPa)	17		
@ 25 psi (172 kPa)	27		
@ 50 psi (345 kPa)	38		
Thermal	Operating Temperature Range, °F (°C)	-67 to 392 (-55 to 200)	Chomerics
	Thermal Conductivity, W/m-K	6.0	ASTM D5470
	Thermal Impedance, °C-in ² /W (°C-cm ² /W) @ 10 psi, @ 0.04 in. (1 mm) thick, no carrier	0.2 (1.5)	ASTM D5470
	Heat Capacity, J/g-K	1	ASTM E1269
	Coefficient of Thermal Expansion, ppm/K	150	ASTM E831
Electrical	Dielectric Strength, VAC/mil (KVAC/mm)	200 (5.0)	ASTM D149
	Volume Resistivity, ohm-cm	10 ¹³	ASTM D257
	Dielectric Constant @ 1,000 kHz	9.3	ASTM D150
	Dissipation Factor @ 1,000 kHz	0.006	Chomerics
Regulatory	Flammability Rating (See UL File E140244 for Details)	V-0	UL 94
	RoHS Compliant	Yes	Chomerics Certification
	Outgassing, % TML (% CVCM)	0.05 (0.01)	ASTM E595
	Shelf Life, months from date of shipment	18	Chomerics
	Storage Conditions, °F (°C) @ 50% Relative Humidity	50 to 90 (10 to 32)	Chomerics

† Typical properties: these are not to be construed as specifications.