

THERM-A-GAP® CIP 60

6.0 W/m-K Dispensable Thermal Cure-in-Place and Gap Filler Material

Parker Chomerics THERM-A-GAP® CIP 60 is a two-component (2k) dispensable thermal gap filler and cure-in-place material with a thermal conductivity of 6.0 W/m-K. With a Shore 00 hardness of 50 at full cure, CIP 60 is designed to be an alternative to harder curing dispensable materials and also to provide an improvement over standard application methods associated with thermal gap filler pads.

As a two-component dispensable material, it can be dispensed in high volumes or used to fill in applications that require heat transfer with challenging geometries.

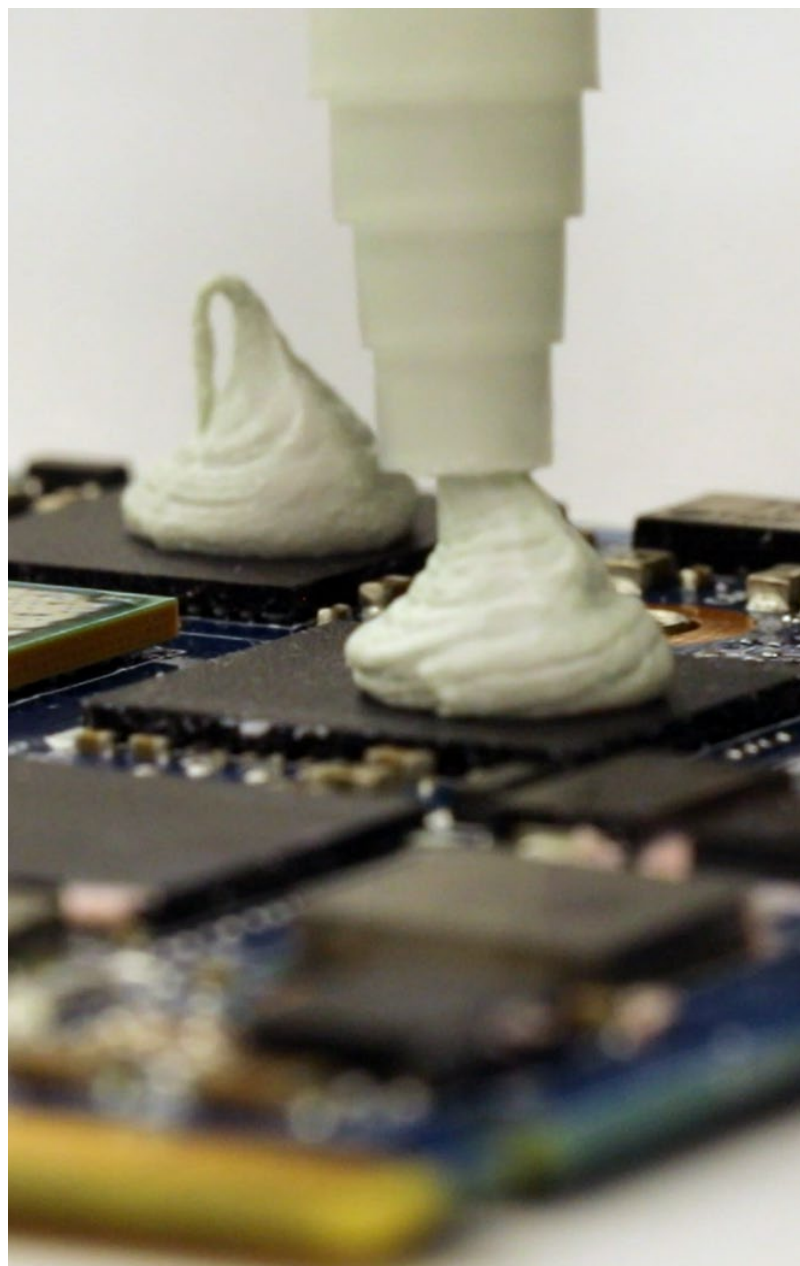
With a 1:1 mix ratio and packaged in cartridges of various sizes, this material can be easily dispensed through a static mixing tip using either manual or automated dispensing equipment.

Product Features

- Two-part (2k) dispensable material
- Excellent thermal performance, 6.0 W/m-K typical thermal conductivity
- Conformable to irregular shapes
- No pre-mixing or weighing of components required
- Vibration dampening
- Industry leading, ultra-low out-gassing performance for minimal vapor contamination

Typical Applications

- Automotive E-mobility (Converters, Inverters)
- Automotive Infotainment (Display, HUD, Audio)
- Automotive ADAS (DCU, Camera, Radar/Lidar)
- Energy Storage Application (Residential, Commercial, Grid-level)
- Power Electronics
- Telecommunications Infrastructure



THERM-A-GAP® CIP 60 PRODUCT INFORMATION

	Typical Properties†	CIP 60	Test Method
Physical	Color	Light Green	Visual
	Binder	Silicone	Chomerics
	Number of Components	2	---
	Mix Ratio by Volume	1:1	---
	Specific Gravity	3.2	ASTM D792
	Typical Minimum Bond Line Thickness, in (mm)	0.006 (0.15)	---
	Hardness, Shore 00 (at full cure)	50	ASTM 2240
	Viscosity, cP (Part A / Part B)	55,000 / 60,000	Mod. ASTM 2196
	Working Life	6 hrs	Time to 2X Starting Viscosity at 23°C
	Cure Time	60 min @ 100°C 24 hrs @ 25°C	Chomerics
Thermal	Operating Temperature Range, °F (°C)	-58 to 392 (-50 to 200)	Chomerics
	Thermal Conductivity, W/m-K	6.0	ASTM D5470
	Heat Capacity, J/g-K	1	ASTM E 1269
Electrical	Dielectric Strength, Vac/mil (Kvac/mm)	125 (5.0)	ASTM D 149
	Volume Resistivity, ohm-cm	10 ¹³	ASTM D257
	Dielectric Constant @ 1,000 kHz	9.3	ASTM D150
	Dissipation Factor @ 1,000 kHz	0.006	CHO-TM-TP13
Regulatory	ROHS Compliant	Yes	Chomerics Certification
	Outgassing, % TML (%CVCM)	0.05 (0.01)	ASTM E595
	Flammability	V-0 (Tested by Chomerics)	UL 94
	Shelf Life, months from date of Shipment	6	Chomerics
	Storage Conditions, °F (°C) @ 50% Relative Humidity	50 to 90 (10 to 32)	

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

THERM-A-GAP material packaged in the 45cc dual-element cartridge will require separately purchased dispensing equipment to apply material.

Mixpac Dispensing Systems are available from multiple sources. When contacting Mixpac equipment suppliers, it is important to reference cartridge volume (cc) and dual-element cartridge A-to-B mix ratios. Potential suppliers of equipment for these dual-element cartridges will list 50 mL as the volume size which are compatible with Parker Chomerics' 45cc fill volume material option.

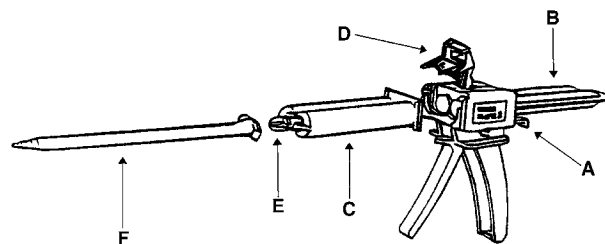


Figure 1: Typical Applicator

THERM-A-GAP® CIP 60 ORDERING INFORMATION

Part Number	Typical Standard Total Fill Volume (cc) for Part A & B	Typical Standard Total Fill Mass (g) for Part A & B	Packaging Description
65-00-CIP60-0045	45	144	50cc 1:1 dual component cartridge
65-00-CIP60-0200	200	640	200cc 1:1 dual component cartridge
65-00-CIP60-0400	400	1,280	400cc 1:1 dual component cartridge
65-00-CIP60-0600	600	1,920	600 cc Kit, (2) 300cc SEMCO Cartridges
65-00-CIP60-1200	1140	3,648	1200 cc Kit, (2) 600cc Cartridges
65-1P-CIP60-5000	5,000	16,000	(2) 1 Gallon Pails, each pail has 8,000g
65-5P-CIP60-15600	16,600	50,000	(2) 5 Gallon Pails, each pail has 25,000g



We're Here to Help

Scan QR code or visit parker.com/chomerics to:

- [Request a Free Sample](#)
- [Talk to an Expert](#)
- [Get a Quote](#)
- [Find Where to Buy](#)

Parker Hannifin Corporation

Chomerics Division

77 Dragon Court

Woburn, MA 01801

Phone 781 935 4850

Fax 781 933 4318

chomailbox@parker.com

parker.com/chomerics

CHODS1072 February 2026

©2026 Parker Hannifin Corporation

