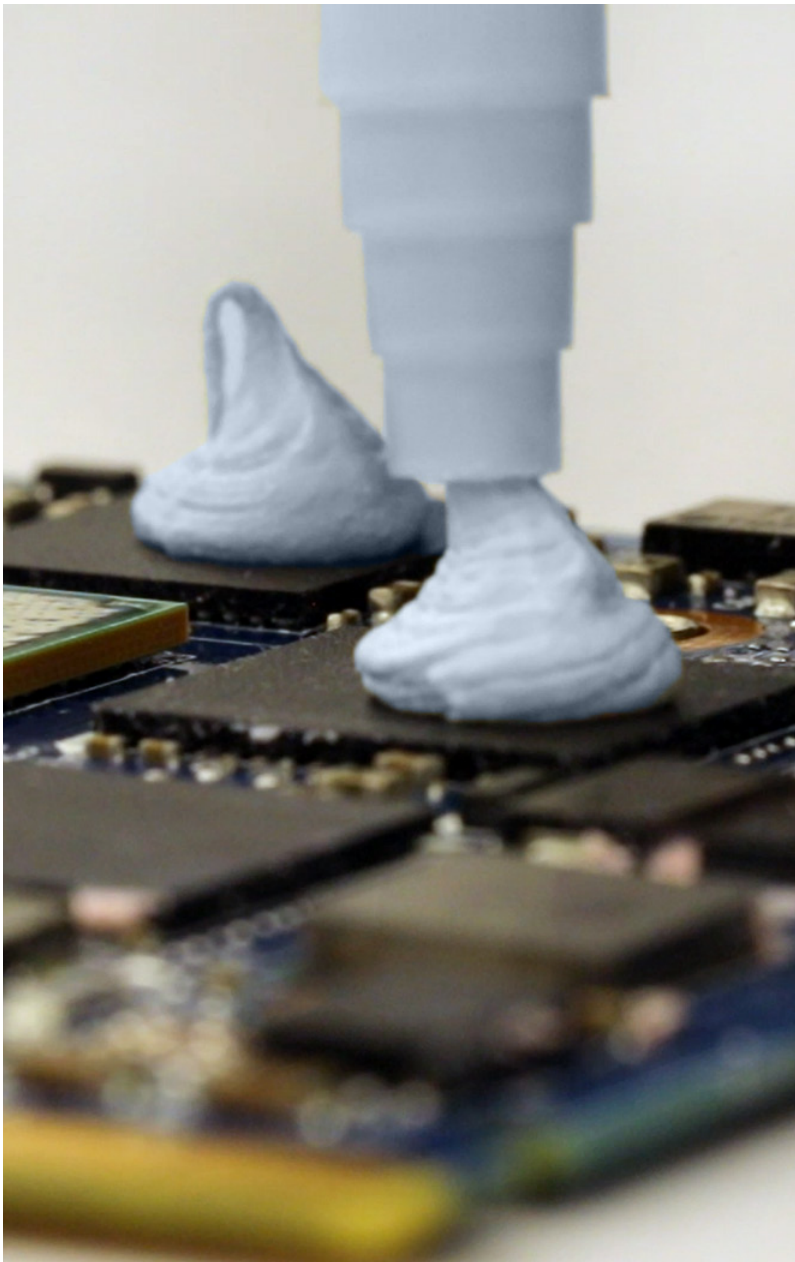
THERM-A-GAP® CIP 35E

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

Parker Chomerics THERM-A-GAP® CIP 35E is a two-component (2k) dispensable thermal gap filler and cure-in-place material with 3.5 W/m-K thermal conductivity. CIP 35E is designed to be an alternative to hard-curing dispensable materials but also provide an improvement over standard application methods associated with thermal gap filler pads.

As a two-component dispensable material, it has an excellent flow rate and can be dispensed in high volumes or used to fill in applications that require heat transfer in challenging geometries. Once cured, CIP 35E will act as a low hardness (45 Shore 00) gap pad, able to maintain effective contact without imparting compressive forces on surrounding electronics.

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
- Cures to very low hardness (45 Shore 00)
- Good thermal performance (3.5 W/m-K)
- Excellent flow rate for high speed dispensing
- Conformable to irregular shapes
- No pre-mixing or weighing of components required
- Vibration dampening

Typical Applications

- Energy Storage Applications
- Power Electronics
- Consumer Electronics
- Commercial/Industrial Devices

Parker Chomerics

THERM-A-GAP® CIP 35E PRODUCT INFORMATION

	Typical Properties†	CIP 35E	Test Method
Physical	Color	Light Blue	Visual
	Number of Components	2	---
	Mix Ratio	1:1	---
	Specific Gravity	3.0	ASTM D792
	Typical Minimum Bond Line Thickness, in (mm)	0.006 (0.15)	---
	Hardness, Shore 00 (at full cure)	45	ASTM 2240
	Viscosity, cP (Part A / Part B) @ 25rpm, Brookfield HB-7 Spindle	200,000	Mod. ASTM 2196
	Working Life	6 hrs	
	Cure Time	30 min @ 125°C 120 Min @ 80°C 24 hrs @ 25°C	Chomerics
Thermal	Operating Temperature Range, °F (°C)	-58 to 392 (-50 to 200)	Chomerics
	Thermal Conductivity, W/m-K	3.5	ASTM D5470
	Heat Capacity, J/g-K	1	ASTM E1269
Electrical	Dielectric Strength, Vac/mil (kVac/mm)	200 (8)	ASTM D149
	Volume Resistivity, ohm-cm	10^{13}	ASTM D257
	Dielectric Constant @1,000 kHz	8.0	ASTM D150
	Dissipation Factor @1,000 kHz	0.009	CHO-TM-TP13
Regulatory	ROHS Compliant	Yes	Chomerics Certification
	Outgassing, % TML (%CVCM)	0.13 (0.04)	ASTM E595
	Flammability	V-0	UL 94
	Shelf Life, months from date of Shipment	6	Chomerics

† 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.

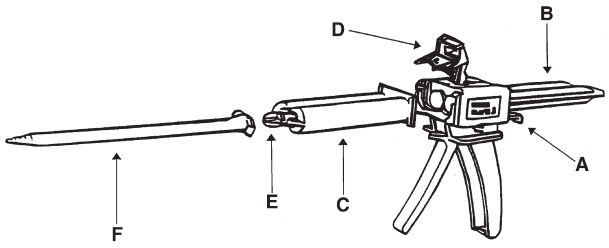


Figure 1: Typical Applicator

Parker Chomerics

THERM-A-GAP® CIP 35E 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-CIP35E-0045	45	135	45cc 1:1 dual component cartridge
65-00-CIP35E-0200	200	600	200cc 1:1 dual component cartridge
65-00-CIP35E-0400	400	1,200	400cc 1:1 dual component cartridge
65-00-CIP35E-0600	600	1,800	600 cc Kit, (2) 300cc SEMCO Cartridges
65-00-CIP35E-1200	1140	3420	1200 cc Kit, (2) 600cc Cartridges
65-1P-CIP35E-5000	5,000	15,000	15Kg cc Kit, (2) 1 Gallon Pails, each pail has 7,500g
65-5P-CIP35E-16600	16,600	50,000	50Kg cc Kit, (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

CHODS1071 February 2026

Parker | Chomerics