



Parker Hannifin
Chomerics Division
77 Dragon Ct.
Woburn, MA 01888

November 17, 2020

To: All THERM-A-FORM™ T644 customers
Subject: THERM-A-FORM™ T644 Product Discontinuation and Alternative Recommendation

Dear THERM-A-FORM™ T644 Customer,

Parker Chomerics has reached a decision to **discontinue THERM-A-FORM™ T644 Cure-in-Place Potting and Underfill Material** due to unresolved supply chain constraints that prevent us from assuring a long term and reliable supply. We are notifying you as early as possible to ensure you have ample time to adjust your needs and qualify alternative material.

This discontinuation affects the following THERM-A-FORM™ T644 part numbers:

- 65-00-T644-0045
- 65-00-T644-0200
- 65-00-T644G-0045
- 69-11-43115-T644

We will honor all current orders, and continue to accept orders, per the schedule below.

Please submit a **last time buy** for the above part numbers
no later than **December 31, 2020**.

Recommended Alternative Replacement

Parker Chomerics would have you consider [THERM-A-FORM™ CIP 35](#) Thermally Conductive Cure-In-Place Compound as a possible replacement material. It offers a 3x higher thermal conductivity, a 4x longer shelf life, all at a more competitive price than the outgoing THERM-A-FORM™ T644. Both the discontinued T644 and the recommended replacement CIP 35 offer a 1:1 mix ratio.

Typical Property Comparison

	Discontinued	Recommended Alternative Replacement
	THERM-A-FORM T644	THERM-A-FORM CIP 35
Price Comparison	\$\$\$\$	\$
Mix Ratio (by weight)	1:1	1:1
Thermal Conductivity (W/m-K)	1.2	3.5
Hardness (Shore A)	15	55
Pot Life (minutes)	360	100
Cure Cycles	3 min @ 150°C 60 min @ 60°C 72 hrs. @ 23°C	30 min @ 150°C 180 min @ 100°C 48 hrs. @ 23°C
Shelf Life (months)	3	12

Ordering Information

Part Number		Volume	Vessel Type
THERM-A-FORM T644	THERM-A-FORM CIP 35		
65-00-T644-0045	65-00-CIP35-0045	45cc	45cc Dual element cartridge
65-00-T644G-0045	65-00-CIP35G-0045	45cc	45cc Dual element cartridge
65-00-T644-0200	65-00-CIP35-0200	200cc	200cc Dual element cartridge
	65-00-CIP35-0400	400cc	400cc Dual element cartridge
	65-00-CIP35-1200	1200cc	2 - 600cc SEMCO cartridges
	65-1P-CIP35-5600	5600cc	2 - 1 U.S. gallon pails (8 kg ea.)
	65-5P-CIP35-10452	10,452cc	2 - 5 U.S. gallon pails (15 kg ea.)

If you have any further product or technical questions, please reach out to Parker Chomerics Applications Engineering at CHOApplications@parker.com or call 781-935-4850.

To place your order, please reach out to the Parker Chomerics Service Team at CHO.Service@support.parker.com or call 781-939-4623.

Sincerely,

Brian Mahoney
Business Unit Manager