

Encapsulants and dam-and-fill materials protect sensitive electronics from moisture, contamination, and mechanical stress while maintaining electrical insulation. Their targeted application improves reliability and process efficiency by minimizing material use and rework.

	PRODUCT	DESCRIPTION	OPERATING TEMP.	POT LIFE @ 22°C (100g)	CURE SCHEDULE	DUROMETER	VISCOSITY (cPs)
UV CURE	UV7K	Low-viscosity for intricate circuitry	-40°C/+125°C	N/A	UV or LED	A94	7,000
	UV15K	Low-viscosity, UV-cure fill encapsulant	-50°C/+150°C	N/A	UV or LED	D40	15,000
	UV40GEL	Thixotropic UV gel for building coating thickness	-55°C/+125°C	N/A	UV	-	Thixotropic
	UV42K	Medium-viscosity, builds coating thickness	-50°C/+150°C	N/A	UV or LED	D25	42,000
	UV80K	High-viscosity damming, localized protection	-50°C/+150°C	N/A	UV or LED	A50	80,000
	6028UV	Soft, UV-cure for sealing and encapsulation	-25°C/+150°C	N/A	UV or LED	D45	Thixotropic
URETHANE	UR43CLR-H83	Two-component urethane connector sealing & encapsulation	-60°C/+125°C	1-3 min	24 hr @ 25°C	A60	10,000-30,000
	1A33GEL	Thixotropic heat cure for increasing thickness	-55°C/+125°C	20 min	20 hr @ 87°C	-	Thixotropic

DISCLAIMER: The information provided herein is for general product selection purposes only. It does not constitute specifications, performance data, or any representation or warranty regarding the product's fit, form, function, merchantability, or fitness for a particular purpose. This information shall not be relied upon for engineering, design, or application decisions. Seller expressly disclaims all implied warranties, including merchantability and fitness for a particular purpose. All responsibility for determining the suitability of the product for any intended use rests solely with the purchaser. The purchaser assumes all risks associated with such use, including compliance with applicable laws, regulations, and standards. Under no circumstances shall the seller be liable for any loss, damage, cost, expense, or any incidental, indirect, special, punitive, or consequential damages of any kind, including but not limited to lost profits, business interruption, or claims by third parties, arising from or related to the use of, or inability to use, the product, regardless of the legal theory asserted. No oral or written statements, marketing materials, or other communications shall create or modify any warranty or obligation. The only applicable warranty and terms of sale are those expressly stated in Seller's official Terms and Conditions of Sale, which exclusively govern all transactions and contain the Seller's limited warranty. No other terms, conditions, or representations shall apply. MKTG0007