

UV8618CC UV+HEAT DUAL CURE CONFORMAL COATING

● PRODUCT DESCRIPTION

UV8618CC is a dual-cure UV/Visible light and heat cure conformal coating compound which is designed to coat UV applicable and shadowed areas in PCBs. UV8618CC can be supplied as transparent or with fluorescent additive upon request for easy inspection of coating coverage. 100% solid and contains no solvent. Excellent resistance to high humidity and environmental conditions.

Ultraviolet/Visible Light Cure Heat Cure	100% Solids Flexible and Tough	Bonds Diverse Substrates Low Viscosity
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● CURING PROPERTIES

UV-A	VIS	LED	HEAT
+	+	Can be used with 365nm – 405nm wavelength	110°C @60 min. 120°C @30 min. 150°C @15 min.
Curing @100mW/UV-A		5 sec	

● UNCURED PROPERTIES

Color	Clear
Viscosity	500-800
Specific Gravity	1.1

● CURED PROPERTIES

Color	Clear
Hardness Shore D	45-60
Elongation Range (%)	80
Tensile Strength (N/mm²)	26,1
Water Absorption (%)	3,6
Operating Temperature (°C)	-50°C to 120°C

● INSTRUCTIONS FOR USE

8106 is available in several types of packaging. The materials can be used with either pressure/time or positive displacement dispense equipment. All materials should be stored in a cool place when not used for an extended period of time. Do Not Freeze. Shelf life of this product is twelve (12) months at 23°C when stored in original sealed container.

