

Conformal Coating and Thick Film Lacquers

for assembled pcbs / flat packs

PI 23/66 E-5

Resin base	Drying/curing			Operating temperature range [°C]	Insulation resistance under moisture / temperature stress	Standards complied with							ELPEGUARD® Product name
	drying at room temperature	thermal curing	UV curing			UL 94	UL 746E	IPC-CC-830	MIL-I-46058C	IEC 61086	IEC 60664-3	GB 30981-2020	
AR	●	●			good	●	●	●					SL 1800 FLZ
AR	●	●			good	●				●			SL 1307 FLZ/4
UR/AR			●		good	●						●	Twin-Cure® DSL 1602 E-FLZ
UR/AR			●		good	●	●	●	●	●		●	Twin-Cure® DSL 1600 E-FLZ
SC	●	●			very good	●		●					UTC 1507 FLZ
UR	●	●			good	●	●					●	SL 1305 AQ-ECO
SR	●				very good							●	DSL 1706 FLZ
SR			●		very good	●	●					●	Twin-Cure® DSL 1707 FLZ

SL = conformal coating DSL = thick film lacquer ECO = ecological AQ = water-borne FLZ = fluorescent

In addition to the technical data sheets on our products the Application Information sheets AI 1/1 Processing instructions for the conformal coatings of the series' ELPEGUARD® and AI 1/2 Processing instructions for the thick film lacquers of the series' Twin-Cure® offer detailed and extensive information and advice that increase the understanding of the individual process steps and are mandatory to observe for a reliable process flow.