

ELANTAS PDG, Inc. Conformal Coatings

Product	Viscosity (Cps)	Cure Schedule	Tack-Free Time	Temperature Range	Solids %	Dielectric Strength (V/mil)	UL 746E	UL 94	IPC-CC-830B	MIL-I-46058C
ACRYLIC										
Bectron® PL 1102	25-50	30 min @ 25°C	10 min	-65°C to 125°C	21%	3900	Yes		Yes	Yes
CONAP® CE-1170	400	45 min @ 60°C	15 min	-65°C to 125°C	31%	3000	Yes	V-0	Yes	Yes
CONAP® CE-1171	900	60 min @ 60°C	20 min	-65°C to 125°C	30%	3000	Yes	V-0	Yes	Yes
POLYURETHANE ALKYD										
Bectron® PL 4122-40E	80	45 min @ 80°C	60 min	to 130°C	40%	2850	Yes	V-0	Yes	
POLYURETHANE										
Conathane® CE-1155 A/B	72	3 hrs @ 25°C	4-5 hrs	-65°C to 125°C	60% / 65%	3000	Yes	V-0	Yes	Yes
Conathane® CE-1164	100	3 hrs @ 60°C	30 min	-65°C to 125°C	50%	3500	No	V-0	Yes	Yes
UV CURABLE										
Bectron® PT 4600	500-1500	UV 5-10 sec + 72 hrs @ 25°C		-40°C to 120°C	100%	508		V-0	Yes	Yes
Bectron® PT 4606	38000	UV 5-10 sec + 72 hrs @ 25°C		-40°C to 120°C	100%	508				
Bectron® PT 4610-1	1000	UV 5-10 sec + 72 hrs @ 25°C		-40°C to 120°C	100%	500		V-0	Yes	Yes
EPOXY										
ELAN-Tron® E 697 / C 126	7000	30 min @ 80°C	2-3 hrs	-20°C to 100°C	~90%	560			Yes	
EPOXY (SILICONE MODIFIED)										
ELAN-Tron® SE 6973	80-200	24 hrs @ RT	15 min	-65°C to 200°C	40%	491		V-0	Yes	Yes
SILICONE										
Bectron® SC 76V1-20	3000		15 min	-65°C to 200°C	100%	520			Yes	
MELT RESIN										
Bectron® MR 3404	1200 @ 180°C			-40°C to 105°C	100%	300				
Bectron® MR 3406	520 @ 180°C			-40°C to 120°C	100%	300				

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