

CONFORMAL COATINGS	SCC3 DCA/DCB/DCR Silicone Conformal Coating (SCC3)	HPA High Performance Acrylic	APL Acrylic Protective Lacquer	SRC Silicone Removable Coating	CPL Clear Protective Lacquer	TFCF Flurocoat	PUC Polyurethane Coating	WBC Aquacoat
Typical Properties								
Viscosity (Bulk) (cPs@20°C, Brookfield) BS 3900 Part A7	200	300	300	170	25	2	240	220
Flashpoint (°C) (Bulk) BS 3900 Part A6	27	<0	<0	27	12	7	38	None
Solids (%) (Bulk) BS 3900 Part B18	37	35	35	50	37	2	50	35
Dielectric Strength (kV/mm, MIL 202 (301))	90	45	45	90	45	90	60	50
Insulation Resistance (ΩDEF STAN 59/47 Pt4)	10 ¹⁵	10 ¹⁵	10 ¹⁵	10 ¹⁵	10 ¹²	10 ¹⁵	10 ¹²	10 ¹¹
Temp. Range (°C)	-70 to +200	-55 to +130	-55 to +125	-50 to +125	-50 to +100	-50 to +125	-55 to +130	-50 to +170
Touch Dry Time (20°C)	50-55	10-15	10-15	15-20	15-20	5	40-45	30-40
Cure Time for Max. Props. (Hours @ 20°C)	2@20°C & 2@90°C	24	24	24	24	24	24	8
Solvent Resistance	Excellent	Good	Good	Good	Poor	Poor	Good	Excellent
Humidity Resistance	Excellent	Excellent	Excellent	Excellent	Good	Good	Excellent	Excellent
Mould Resistance	Excellent	Excellent	Excellent	Excellent	Good	Good	Excellent	Excellent
Thinners	DCT	UAT	UAT	DCT	CPT	N/A	PTH	DI Water
UV Trace	Yes (DCA)	Yes	Yes	Yes	No	Yes	Yes	Yes
Colours Available	Clear/Black/Red	Clear	Clear	Clear	Clear	Clear	Clear	Clear
Approvals	UL746CQMJU2	MIL-I-46058C	-	-	-	-	-	-

Disclaimer: All information is given in good faith but without warranty.