

SC102

Silicone Coating

Product Description

SC102 is solventless silicone coating, which is more environmentally friendly than traditional coating. And it is specifically designed for the protection of electronic circuitry as SC102 is soft coating. The coating can be cured at room temperature for ease of processing.

Approvals:

IPC-CC-830: Meets approval

MIL Approval (MIL-1-46058C): Meets approval

RoHS Compliant (2002/95/EC): Yes

Features

- Solventless silicone coating
- Soft coating
- Very fast touch dry 15 minutes
- Room temperature cure for ease of processing
- Fluoresces under UV light for ease of inspection

Liquid Properties:

Appearance:	Translucent liquid
Specific Gravity (Density) @ 20°C:	1.0
Viscosity @ 20°C:	550cps
Touch Dry(25°C/50%RH):	15 minutes

Dry Film Coating:

Colour:	Clear
Operating Temperature Range:	-45°C to +200°C
Insulation Resistance:	1 x 10 ¹⁴ Ohms/cm (DEF-STAN 59/47)
Flammability	Meets UL 94 V-0
MIL Approval (MIL-1-46058C):	Meets approval

Inspection

SC102 silicone coating requires atmospheric moisture to cure. Time to cure is dependent on several variables including the method of application, film thickness, temperature and humidity. Meanwhile, special precautions must be taken to prevent moisture from contacting coatings. Containers should be kept tightly closed and head space purged with dry air or nitrogen.

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