

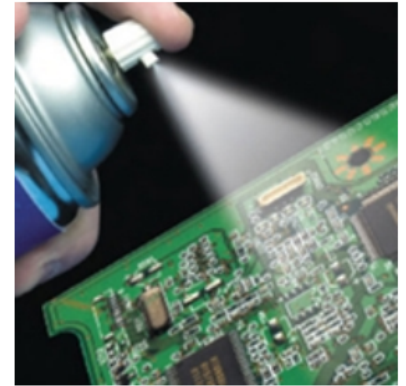


High Viscosity SR Silicone Conformal Coating

2102-HV

Techspray offers a variety of coating formulas to match field and engineering requirements. Specifications generally depend on the type of protection needed: e.g. thermal, moisture, and static resistance.

Coatings contain Opti/Scan to allow quality control inspection of coverage and evenness of the coating on a PCB. A coated board can be passed under a standard, low-cost UV (short-wave black) light, and the coated areas glow. The brighter the glow, the thicker the coating.



Ideal for moisture, thermal and vibration protection

Silicone Conformal Coating is the most universal coating, offering protection for a wide variety of environments.

- UL recognized - file #E95150
- Max operating temperature to 392°F (200°C)
- Non-ozone depleting
- Dielectric strength 1100 volts/mil
- Moisture resistant
- Chemically resistant
- Vibration resistant flexible
- IPC-CC-830B & MIL-I-46058C qualified
- UL94 V-0 r

Specifications:

- IPC-CC-830B
- MIL-I-45058C

Product Packaging

2102-GHV
Fine-L-Kote SR Conformal
Coating
1 gal
1 units/case





Technical Information

Chemical Composition

CHEMICAL NAME	CAS #
1-(2-Methoxy-Methyl-Ethoxy)-2-Propanol Acetate	88917-22-0
Polysiloxane mixture	
Benzene- methyl, (Toluene)	108-88-3
2-Butanone (methyl ethyl ketone)	78-93-3

Performance & Application Data

Cure type	Thermal / air
Tack-free time	60 minutes
Accelerated cure time/temp	2 step: 30 min @32C, 45 min @93C
Ambient cure time	72 hrs
UL 94 rating	V-0
Solids content (% by wt)	55%
Viscosity	70-80 CPS
Operating temp range	-65 to 200C
Dielectric strength	1.1 kV/Mil
Insulation resistance (ohms)	6.87 x 10 ¹⁵

Environmental Policy

Techspray is committed to developing products to ensure a safer and cleaner environment. We will continue to meet and sustain the regulations of all federal, state and local government agencies.

Resources

Techspray products are supported by a global sales, technical and customer services resources.

For additional technical information on this product or other Techspray products in the United States, call the technical sales department at 800-858-4043, email tsales@techspray.com or visit our web site at: www.techspray.com.

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