

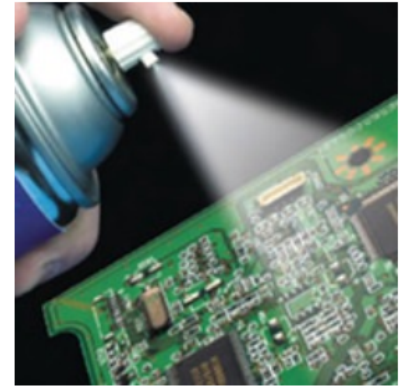


High Viscosity SR Silicone Conformal Coating

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.



[Request More Info](#)



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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Call to locate a distributor in your country.

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