



S.C.P. s.a.

Suministros de Conectores
Profesionales, s.a.

DCE-SILICONA-RTV3140

One-part, translucent adhesive or coating with good flowability, good flame resistance, UL, IPC and Mil Spec tested

APPLICATIONS

Suitable for:

- Protection of corrosion-sensitive components.
- Protection of rigid and flexible circuit boards
- Improved pin/solder joint coverage
- Thin-section encapsulation.
- Pin sealing

TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales office or your Global Dow Corning Connection before writing specifications on this product.

Property	Unit	Result
One or Two-Part	-	One
Color	-	Clear to slightly hazy smooth viscous liquid
Viscosity	cP	34,400
	Pa-sec	34.4
Specific Gravity (Cured)	-	1.05
NVC (Non Volatile Content)	%	95.7
Tack-Free Time at 25 °C	minutes	116
Tensile Strength	psi	434
Elongation	%	419
Durometer Shore A	-	31.6
Tensile Modulus	psi	103
Unprimed Adhesion – 180 Degree Peel Strength	ppi	40
Dielectric Strength	volts/mil	385
	kV/mm	15
Volume Resistivity	ohm*cm	2.1 x 10 (14)
Dielectric Constant at 100 Hz	-	2.52
Dielectric Constant at 100 kHz	-	2.52
Dissipation Factor at 100 Hz	-	0.004
Dissipation Factor at 100 kHz	-	0.001
Agency Listing	-	IPC-CC-830B, U: 746
Mil Specification	-	Mil-I-46058C
UL Flammability Classification	NA	94 V-1

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FEATURES

- Good flowability
- Room temperature cure
- No added solvents
- UL 94 V-1, IPC-CC-830 and MIL-A-46146 tested

BENEFITS

- No mixing required
- Room temperature cure, no ovens required
- Faster in-line processing with optional heat acceleration
- Able to flow, fill or self-leveling after dispensing
- Can be considered for uses requiring added flame resistance, IPC or Mil Spec testing

COMPOSITION

- One part
- Polydimethylsiloxane adhesive

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