



## UV-SIL RTV 3033

## DUAL CURE RTV SILICONE RUBBER

### ● PRODUCT DESCRIPTION

UV-SIL RTV 3033 is a dual-cure product formulated for potting, encapsulating and coating electronic parts. This non-corrosive, single-component silicone elastomer will cure to a very soft rubber upon exposure to either an ultra-violet light source, or to atmospheric moisture.

### TYPICAL APPLICATIONS:

Potting  
Encapsulating  
Coating  
Sealing  
Electronic parts, pins, industrial applications etc.

### ● CURING PROPERTIES

UV-A	UV LED 365nm	MOISTURE
✓	✓	✓
MOISTURE CURE MECHANISM		Neutral Cure(Oxime)

UV-curing with UVA H-BULB		
Intensity [mW/cm <sup>2</sup> ]	Layer thickness [mm]	Time [sec]
40	2	120

### ● UNCURED PROPERTIES

Color	Clear
Viscosity	4000-5000
Specific Gravity	1,05



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### ● CURED PROPERTIES

Tensile Strength (psi)	50
Hardness Shore A	20
Elongation	25%
Shrinkage 72 hours @60C	< 5%
Volume Resistivity	$4.7 \times 10^{15} \Omega\text{-cm}$
Dielectric Constant (100Hz)	2,67/2,68
Dissipation Factor (100Hz)	0,001
Dielectric Strength (Volts/mil)	400
Operating Temperature	-40°C +200°C

### ● INSTRUCTIONS FOR USE

Can be stored in the original unopened containers at or below (4°C) for up to 12 months.

