

UV-SIL RTV 3044

DUAL CURE RTV SILICONE RUBBER

● **PRODUCT DESCRIPTION**

UV-SIL RTV 3044 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 ²]	Layer thickness [mm]	Time [sec]
40	2	120

● **UNCURED PROPERTIES**

Color	Clear
Viscosity	8000-11000
Specific Gravity	1,05



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● CURED PROPERTIES

Tensile Strength (psi)	200
Hardness Shore A	15-25
Elongation	300%
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.

