

UV Cure Silicone and UV Dual Cure Silicone

KEY FEATURES

- Exceptionally Fast UV Cure ; Room Temperature Curing
- Neutral Cure; Single Component
- Dual Cure Eliminates Shadow Effects on Complex Parts
- UV Cure @ 250 mW/cm² < 1 second; No Racking of Parts
- Deep Section Cure up to 5/8" (Product Dependent)
- Solventless Formulas; Low VOC's; % Solids > 99%
- Service Temperature of -65 F to 350 F (-20 C to 175 C)
- No Oxygen Inhibition ; No Corrosive Byproducts

Encapsulants and Gels

Novagard UV / Dual Cure Encapsulants and Gels represent a break-through in UV Cure and Dual UV Cure Silicone Technology. Through a patented chemistry and with the proper light source, the 800 series products cure in less than one second in sections up to 5/8" thick dependent upon product. This one-second cure provides for shorter UV curing times and lower energy consumption. Processing speeds exceed previously unobtainable levels. Applications for Novagard 800 Series encapsulants and gels include potting, sealing and encapsulating various automotive, medical, electronics and industrial components.

Products

- RTV 800-230** UV Cure semi self leveling liquid for potting and encapsulating
 - RTV 800-235** UV Cure Sealant
 - RTV 800-250** Dual Cure (UV/Moisture) flowable material formulated for broad coating applications
 - RTV 800-260** Dual Cure (UV/Moisture) self-leveling liquid formulated for potting applications
 - RTV 800-610** UV Cure Gel for potting and encapsulating
 - RTV 800-620** UV Cure Gel for potting and encapsulating
- Custom formulations are available for maximum throughput and productivity.

Gasketing Materials

Novagard UV / Dual Cure Gasketing Materials cure in less than one second up to 5/8" deep allowing processing speeds that were previously unobtainable. Utilizing a patented chemistry, these products represent a break-through in UV Cure and UV Dual Cure Silicone Technology. With the proper light source, these 800 series paste products provide for shorter UV curing times and lower energy consumption. Applications for Novagard 800 Series Gasketing Materials include cure-in-place gaskets for automotive, medical, electronics and industrial applications.

Products

- RTV 800-305** Dual Cure, high strength adhesive
 - RTV 800-400** UV Cure, soft paste
- Custom formulations are available for maximum throughput and productivity.



PRODUCT LIST

MATERIAL SAFETY
DATA SHEETS

TECHNICAL
DATA SHEETS

NOVAGARD'S
LATEST DEVELOPMENTS

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