



Technical Data Sheet

LOCTITE ECCOBOND 334-1

October 2014

PRODUCT DESCRIPTION

LOCTITE ECCOBOND 334-1 provides the following product characteristics:

Technology	RTV Silicone
Appearance	Gray
Cure	Room temperature cure
Product Benefits	• Flexible
Application	Sealant
Filler Type	Tungsten

LOCTITE ECCOBOND 334-1 RTV silicone compound, when exposed to moisture, is designed to cure to a relatively flexible compound at room temperature. LOCTITE ECCOBOND 334-1 is not recommended for applications requiring bond lines greater than one inch in width. Larger bond lines do not allow moisture to reach the center of the bond to cure the adhesive.

TYPICAL PROPERTIES OF UNCURED MATERIAL

Work Life @ 25°C, hours	8
Storage Life @ 25°C (when stored continuously in a dry state), days	122
Flash Point - See SDS	

TYPICAL CURING PERFORMANCE

Cure Schedule

1 to 4 days @ 25°C (depending on relative humidity and bond width)

The above cure profiles are guideline recommendations. Cure conditions (time and temperature) may vary based on customers' experience and their application requirements, as well as customer curing equipment, oven loading and actual oven temperatures.

GENERAL INFORMATION

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).

DIRECTIONS FOR USE

1. Apply adhesive as required.
2. Assemble bonds.
3. Cure at the recommended cure schedule.

Not for product specifications

The technical data contained herein are intended as reference only. Please contact your local quality department for assistance and recommendations on specifications for this product.

Storage

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

Optimal Storage: 25°C. Storage below 25°C or greater than 25°C can adversely affect product properties.

Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel Corporation cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Technical Service Center or Customer Service Representative.

Conversions

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$
 $\text{kV/mm} \times 25.4 = \text{V/mil}$
 $\text{mm} / 25.4 = \text{inches}$
 $\text{N} \times 0.225 = \text{lb}$
 $\text{N/mm} \times 5.71 = \text{lb/in}$
 $\text{N/mm}^2 \times 145 = \text{psi}$
 $\text{MPa} = \text{N/mm}^2$
 $\text{MPa} \times 145 = \text{psi}$
 $\text{N}\cdot\text{m} \times 8.851 = \text{lb}\cdot\text{in}$
 $\text{N}\cdot\text{m} \times 0.738 = \text{lb}\cdot\text{ft}$
 $\text{N}\cdot\text{mm} \times 0.142 = \text{oz}\cdot\text{in}$
 $\text{mPa}\cdot\text{s} = \text{cP}$

Disclaimer

Note

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