

# ELASTOSIL® E 951

ADHESIVE SEALANT

## Product description

ELASTOSIL® E 951 is a high strength one-component adhesive sealant designed for bonding silicone rubber to silicone rubber or substrates. ELASTOSIL® E 951 may also be used for forming high strength bonds between metal and glass. ELASTOSIL® E 951 adheres tenaciously to most substrates without the aid of a primer.

## Special features

- One component, ready-to-use
- Excellent adhesion
- High strength

## Application

ELASTOSIL® E 951 cures at room temperature when exposed to the humidity in the air. It forms a skin in less than 30 minutes, is tack free in an hour and normally cures overnight. Since this material requires moisture in the air to cure, the cure rate depends on the degree of open exposure. Acetic acid is liberated during cure which disappears when cure is complete. ELASTOSIL® E 951 adheres exceptionally well to various substrates including metals, glass, and vulcanized silicone rubber. The substrates should be clean. Primers are available to solve special adhesion problems.

## Storage

The "Best use before end date" of each batch is shown on the Certificate of Analysis. Storage beyond the date specified on the Certificate of Analysis does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

## Safety notes

For specific information regarding safe handling of this material, please refer to the Material Safety Data Sheet.

## Specifications

Typical property values are not intended for use in the preparation of specifications. Please contact Wacker Silicones for assistance and recommendations before writing specifications on this product.

## Contact:

Wacker Chemical Corporation  
3301 Sutton Road  
Adrian, MI 49221-9397  
Tel: 888-922-5374  
info.usa@wacker.com

[www.wacker.com](http://www.wacker.com)

**Product data**

Typical general characteristics	Inspection Method	Value
<b>Property</b>		
Appearance	WSTM-2119	Clear Paste
Viscosity at 25°C	WSTM-2103	400000 cP
Skin-Over Time, minutes, 25°C, 50% relative humidity	WSTM-2118	20
<b>As Cured*</b>		
Hardness Shore A	WSTM-2225	30
Tensile Strength		4.5 MPa
Tensile Strength	WSTM-1228	650 psi
Elongation	WSTM-1228	400 %
Tear strength die B	WSTM 1229	70 psi
Tear strength		12.3 kN/m
Density , 25°C		1.08 g/cm <sup>3</sup>

\* Cured 7 days/25°C. ELASTOSIL® E 951 releases acetic acid while curing. The fully cured product will be completely free of acetic acid odor.

The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

WACKER is a trademark of Wacker Chemie AG.  
ELASTOSIL® is a trademark of Wacker Chemie AG.

For technical, quality, or product safety questions, please contact:

Wacker Chemical Corporation  
3301 Sutton Road  
Adrian, MI 49221-9397, USA  
customer@wacker.com

www.wacker.com