ELASTOSIL® A234 WHITE

ELASTOSIL®

Moisture Curing Silicone Rubber (RTV-1)

ELASTOSIL® A234 WHITE is a flowable RTV-1 silicone rubber, which cures at room temperature under the influence of moisture.
It shows excellent primerless adhesion to many substrates and offers outstanding heat stability

Properties

- amine-curing system
- no use of organotin catalysts
- Recommended service temperature from -45 °C to +200 °C
- max. recommended short term peak temperature exposure 250°C

Specific features

- Excellent adhesion
- Heat resistant
- Low viscosity
- One-component
- Ready to use

Technical data

Properties Uncured

Property	Condition	Value	Method
Color	-	white	-
Viscosity, dynamic D = 0,5 1/s	25 °C	25000 mPa·s	ISO 3219
Viscosity, dynamic D = 25 1/s	25 °C	20000 mPa·s	ISO 3219
Curing time	23 °C | 50 % r.h	1.5 - 2 mm/d	-
Density	23 °C	1.18 g/cm^3	DIN 53217
Skin forming time	23 °C | 50 % r.h	20 min	-

These figures are only intended as a guide and should not be used in preparing specifications.

Properties Cured

Curing conditions: 2 mm, 14 days storage at 23 °C and 50 % RH.

Property	Condition	Value	Method
Color	-	white	-
Density in water	23 °C	1.19 g/cm^3	DIN EN ISO 1183-1 A
Hardness Shore A	-	35	ISO 7619-1 / 23°C / d = 6 mm
Tensile strength(1)	-	2.5 N/mm^2	ISO 37
Elongation at break	-	200 %	ISO 37
Tear strength	-	3.5 N/mm	based on ASTM D 624 B / 23°C / t = 2 mm

[1]Type 3 / 23°C / 2mm

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All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Applications

- Small Appliances
- Small Appliances

Application details

Multipurpose grade for high temperature applications. Suitable for sealing and bonding, such as e.g. bonding of steam chambers and sole plates of steam irons.

Processing

ELASTOSIL® A234 WHITE shows good primerless adhesion to many substrates. We recommend running preliminary tests to optimize conditions for the particular application.

Detailed processing instructions are given in our brochure “ROOM TEMPERATURE VULCANIZING (RTV) SILICONES - MATERIAL AND PROCESSING GUIDELINES

Packaging and storage

Storage

The 'Best use before end' date of each batch is shown on the product label.

Storage beyond the date specified on the label 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

During vulcanization of ELASTOSIL® A234 WHITE, a total of 3 % by weight of an amine is split off. These vapours should not be inhaled for long periods or in high concentration. Work areas should therefore be well ventilated. Contact of unvulcanized silicone rubber with eyes and mucous membranes must be avoided as this would cause irritation. However if it does happen, rinse the affected area thoroughly with water.

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site http://www.wacker.com.

QR Code ELASTOSIL® A234 WHITE

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

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