

ELASTOSIL[®] E92 N TRANSPARENT



Moisture Curing Silicone Rubber (RTV-1)

ELASTOSIL[®] E92 N TRANSPARENT is a transparent self-levelling silicone rubber with very good mechanical properties, which cures at room temperature under the influence of atmospheric moisture.

Properties

- titanium-based catalyst system
- high elongation properties
- acetic acid-curing system
- self-levelling
- excellent primer less adhesion to many substrates

Specific features

- Self-levelling
- Solvent-free
- Tin-free catalysis

Technical data

Properties Uncured

Property	Condition	Value	Method
Density	23 °C	1.07 g/cm ³	DIN EN ISO 1183-1 A
Viscosity, dynamic (0.5 s ⁻¹)	25 °C	160000 mPa·s	DIN EN ISO 3219
Viscosity, dynamic (25 s ⁻¹)	25 °C	95000 mPa·s	DIN EN ISO 3219
Appearance	-	colorless	-

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

Properties Cured

Property	Condition	Value	Method
Hardness Shore A	-	20	DIN ISO 48-4
Tensile strength	-	1.5 N/mm ²	ISO 37 type 1
Elongation at break	-	350 %	ISO 37 type 1

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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

- Anti-Slip Coating

Application details

Multipurpose glue and for textile coatings, e.g. antislip coatings

Processing

ELASTOSIL® E92 N TRANSPARENT shows good primerless adhesion to many substrates. We recommend running preliminary tests to optimize conditions for the particular application. The one component rubber can be easily extruded and cures at room temperature under the influence of atmospheric moisture.

Skin forming time at 23°C / 50% rH: about 10 min

Curing time at 23°C / 50% rH: 12 h/mm

Packaging and storage

Packaging

This product is available in 310 g cartridges, 20 kg pails and 200 kg drum kits.

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

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>.

During vulcanization of ELASTOSIL® E92 N TRANSPARENT, a total of 3% by weight of acetic acid is split off. These vapors 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.

QR Code ELASTOSIL® E92 N TRANSPARENT



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

Wacker Chemie AG, Hanns-Seidel-Platz 4, 81737 Munich, Germany
productinformation@wacker.com, www.wacker.com

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