

# ELASTOSIL<sup>®</sup> FX Gel 30 A/B

ELASTOSIL<sup>®</sup>

## Room Temperature Curing Silicone Rubber (RTV-2)

Pourable, addition-curing RTV-2 silicone rubber that cures at room temperature.

Main application: Special effects, prosthetics

- General prosthetic effects
- Life Molding
- Body parts
- Wounds / Scars
- Masks and fat make-up



## Properties

- Very good flowability and self-deaeration
- Very soft (30 Shore 00)
- Easy to meter and mix due to 1:1 ratio
- Short curing time at room temperature
- Translucent
- Easy to color with common colors for special effect applications
- Good bonding to top coats like Glatzan, Super Baldiez or similar products
- Adjustable in structural viscosity using WACKER<sup>®</sup> Stabilizer 43
- Adjustable in hardness and tackiness with ELASTOSIL<sup>®</sup> FX Softener

## Specific features

- Addition Curing
- Fast curing at room temperature
- Flowable
- Low viscosity
- No chemical shrinkage
- Suitable for skin contact
- Two-component

## Technical data

### Properties Uncured

Property	Condition	A	B	Method
Color	-	tranlucent	translucent	-
Density	23 °C	1.06	1.06	DIN EN ISO 2811-1
Viscosity, dynamic after stirring	23 °C	4000 mPa·s	4000 mPa·s	ISO 3219

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

### Catalyzed

Property	Condition	Value	Method
Color	-	translucent	-
Mix ratio	-	1:1 pbw	-
Pot Life up to 100000 mPas	23 °C	8 - 12 min	DIN EN ISO 2555
Demoldable at 23 °C after	-	45 min	-

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

### Properties Cured

After 24 hours at 23 °C

Property	Condition	Value	Method
Tear strength	-	5.5 N/mm	ASTM D 624, Die B
Hardness Shore 00	-	30	ASTM D 2240
Tensile strength	-	> 1.5 N/mm <sup>2</sup>	ISO 37 type 1
Elongation at break	-	> 900 %	ISO 37 type 1

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

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

- Insoles, Orthoses & Pelottes
- Orthotics & Prosthetics

- Reproduction Molding
- Special FX Molding

## Application details

Special effects and prosthetics

- General prosthetic effects
- Life Molding
- Body parts
- Wounds / Scars
- Masks and fat make-up

## Processing

Detailed instructions for preparation and use are given in the brochure "Room Temperature Vulcanizing (RTV) Silicones - Material and Processing Guidelines".

Important note:

The platinum catalyst is in **component A**.

Caution:

A and B components may only be used together if they have the same batch number.

## 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

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

## QR Code ELASTOSIL® FX Gel 30 A/B



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

**Wacker Chemie AG**, Gisela-Stein-Strasse 1, 81671 Munich, Germany  
[productinformation@wacker.com](mailto:productinformation@wacker.com), [www.wacker.com](http://www.wacker.com)

The data presented in this medium 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 medium 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 information provided by us does 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 product for a particular purpose.