

# ELASTOSIL<sup>®</sup> FX 10 A/B

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

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

Main application:

Special effects for movies and theatre productions

Life molding, body parts, fat make up and wounds

Prosthetic effects

Soft robotics, second skin applications



## Properties

- Very good flow ability and self-deaeration
- Shore A 10
- 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 thixotropy with ELASTOSIL<sup>®</sup> FX Thixo
- Adjustable in hardness and tackiness with ELASTOSIL<sup>®</sup> FX Softener

## Technical data

### Properties Uncured

Property	Condition	A	B	Method
Viscosity, dynamic	23 °C	4000 mPa·s	6000 mPa·s	ISO 3219
Density	23 °C	1.06	1.06	ISO 2811
Color	-	translucent	translucent	-

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

### Catalyzed

Property	Condition	Value	Method
Pot Life up to 100000 mPa.s	-	8 - 12 min	-
Mix ratio	-	1 : 1 pbw	-
Color	-	translucent	-
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
Elongation at break	-	750 %	ISO 37
Tensile strength	-	> 3.5 N/mm <sup>2</sup>	ISO 37
Hardness Shore A	-	10	ISO 868

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

- Special FX Molding

## Application details

Special effect applications for movies and theatre productions  
For example life molding, body parts, fat make up and wounds

- Prosthetic effects
- Soft robotics, second skin applications

## Processing

### Important note:

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

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

### Caution:

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

Comprehensive instructions are given in the Flyer and User Guide for the ELASTOSIL® FX product range.

**Please check also our brochures and info sheets**

## Packaging and storage

### Storage

ELASTOSIL® FX 10 A/B is best stored between 5 °C and 30 °C in the tightly closed original container. The 'Best use before end' date of each batch appears 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

Components A and B of the addition-curing grade ELASTOSIL® FX 10 A/B contain only constituents that over many years have proved to be neither toxic nor aggressive. Special handling precautions are therefore not required, i.e. only the general industrial hygiene regulations apply.

Detailed safety information is contained in each Material Safety Data Sheet, which can be obtained from our sales offices.

Please visit our website [www.wacker.com](http://www.wacker.com)

## QR Code ELASTOSIL® FX 10 A/B



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

**Wacker Chemie AG**, Hanns-Seidel-Platz 4, 81737 Munich, Germany  
[info@wacker.com](mailto:info@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.