ELASTOSIL® FX Gel 30 A/B

ELASTOSIL®

Room Temperature Curing Silicone Rubber (RTV-2)

Pourable, addition-curing RTV-2 silicone rubber that cures at room temperature.
Main application: Special effect applications for movies and theater productions
General prostethic effects
Life Molding
Body parts
Wounds / Scars
Masks and fat make-up



Properties

- Very good flow ability and self-deaeration
- Very soft
- Shore 00 30
- 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 thixotropic with ELASTOSIL® FX Thixo
- Adjustable in hardness and tackiness with ELASTOSIL® 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	-

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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^2	ISO 37 type 1
Elongation at break	-	> 900 %	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

- Insoles, Orthoses & Pelottes
- Orthotics & Prosthetics

- Special FX Molding

Application details

Special effect applications for movies and theater productions

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

Processing

Important note:

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

Caution

A and B components may only be used together if they have **the same batch number**.
To ensure optimum flow of the material, the components must be stirred thoroughly before they are removed or processed in their containers.

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

Storageh2End ELASTOSIL® FX30 Gel 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 informationh2End Components A and B of the addition-curing grade ELASTOSIL® FX30 Gel 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.

QR Code ELASTOSIL® FX Gel 30 A/B

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

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