

ELASTOSIL[®] P 7742 A/B

Room Temperature Curing Silicone Rubber (RTV-2)

The addition-crosslinking silicone rubber cures to a very soft, translucent gel.

Properties

- Good adhesion to polyurethane films
- Low viscosity
- Non-toxic
- Easy dosage
- Easy mix control

Technical data

Properties Uncured

Property	Condition	A	B	Method
Color	-	colorless	colorless	-
Viscosity, dynamic	23 °C	600 mPa·s	-	-
Specific gravity	23 °C	0.98 g/cm ³	0.98 g/cm ³	-

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

Properties Catalyzed A+B

Property	Condition	Value	Method
Mix ratio	-	1 : 1 pbw	-
Curing time until final hardness is reached	148 °C	15 min	-

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

Properties Cured

Property	Condition	Value	Method
Penetration texture analyzer	-	108 g	-

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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.

Application details

The gel is used for making soft pads for various uses such as; external mammary prosthesis, with an outer skin of polyurethane film.

Processing

A and B are mixed in a 1:1 ratio, air bubbles have to be taken out by evacuation. The mixture is filled into PU-films. After closing the films` filling holes, the gel is cured at temperatures of 148 °C / 15 min and demolded once it has cooled down.

Packaging and storage

Storage

ELASTOSIL® P 7742 A/B has a shelf life of at least 12 months when stored between 10°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

Detailed safety information is contained in each material data safety sheet, which can be obtained from our sales offices.

QR Code ELASTOSIL® P 7742 A/B



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

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