SILPURAN® 2122 A/B

SILPURAN®

Silicone Gels

Two-component, addition-curing silicone composition curing to a soft silicone adhesive with high adhesive strength

Properties

- biocompatible, certificates of compatibility with USP Class VI and ISO 10993 available on request
- no by-products from curing process
- low viscosity, easily pourable
- mixing ratio 1 : 1
- very good adhesion, typical value 5.5 N/2.5 cm (90° peel test, on stainless steel)
- high transparency

Technical data

Properties Uncured

Property	Condition	A	B	Method
Color	-	colorless	colorless	-
Density	-	0.98 g/cm³	0.98 g/cm³	ISO 2811
Viscosity, dynamic	-	3000 mPa·s	2500 mPa·s	DIN EN ISO 3219

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

Properties Catalyzed A+B

Property	Condition	Value	Method
Color	-	colorless	-
Mix ratio	-	1 : 1	A : B
Pot Life	23 °C	50 min	-

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Properties Cured

Property	Condition	Value	Method
Penetration[(1)]	-	180 1/10mm	-

[1]hollow cone of 62.5 g, 60 s, curing time 60 min at 120 °C

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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

- Medical
- Medical Silicone Adhesives
- Medical Tapes
- Ostomy Care
- Wearables
- Wound Care

Application details

SILPURAN® 2122 A/B can be used as a skin adhesive in medical applications.

Processing

Components A and B of SILPURAN® 2122 A/B are mixed homogeneously in a ratio A : B = 1 : 1 and vulcanize rapidly at temperatures over 100 °C.

SILPURAN® 2122 A/B has good adhesive properties that can be adjusted to suit the relevant requirements:
Increasing the proportion of component A results in a softer vulcanisate and increased tackiness. Increasing the proportion of component B results in a harder vulcanisate and reduced tackiness.

Important note:
The platinum catalyst is contained in component A.

Caution:

Only components A and B with the same lot number may be processed together!

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 http://www.wacker.com.

QR Code SILPURAN® 2122 A/B

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

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