

:: Silicone rubber NL A + B

Description:

Is a 2-component polycondensation curing, highly elastic, self-demoulding rubber material based on silicone that reacts after the addition of hardener. This rubber has a high tear resistance and good chemical resistance. Can be used on all surfaces except glass or ceramics. In these moulds, shape pieces can be moulded with UP - EP - PU - zellane. Can be used in the food industry, e.g. for moulding chocolate and paraffin wax. Available in 0.5 kg, 1 kg, 5 kg and 20 kg packaging and 200 kg (A-comp.).

Application:

For the manufacture of negative moulds with difficult shapes and deep incisions.

Is liquid and can be poured easily. Slight shrinkage. If necessary thicken with C-comp. or dilute with Sico Fluid. For use in the food industry, it is best to place the hardened mould in water at approx. 70-80°C for a few hours and allow it to cool down in order to neutralise the silicone.

Data on delivery:

| | <u>A-Comp</u> | <u>B-Comp</u> |
|---------------|---------------------------------|-------------------------------|
| Color: | white | colourless |
| Viscosity: | 40,000 mPas | 120 mPas |
| Mass density: | approx. 1.10 gr/cm ³ | approx. 1.0 g/cm ³ |
| Shelf life: | 12 months in closed packaging | 12 months in closed packaging |
| Consistency: | liquid | thin liquid |

Technical data: (A + B)

| | |
|--------------|--------------------------|
| Consumption: | depending on application |
| Shore: | A 22 |

Processing:

Always ensure a dry and grease-free surface.

Mix both components in a 5-10% weight ratio and brush out a first layer. This ensures a finer reproduction of all details. Then pour the mixed rubber over the object. For a rubbing mould, you can thicken (if necessary) with thickener C 0.5-1%. Potlife: approx. 45 min. at 20°C. Fully cured after approx. 8 hours. Minimum wall thickness 10 mm. If you are uncertain of the substrate, it is best to make a test piece or to use Trennspray.

Safety:

Always provide appropriate protective clothing and gloves. Only the hardener is irritating to the eyes and skin, and flammable. Cleaning agent for tools: cleaner M (environmentally friendly substitute for acetone).

The information on this page concerns technical instructions and has been compiled to the best of our knowledge. However, it shall not constitute grounds for any liability on our part.