

Description:

In contrast to conventional liquid systems, our sealing compound **stucarit 203** remains pasty during and after application without limit. It is not agglutinating and film-forming, which facilitates installations and removals. This is particularly advantageous with very precise and complicated connections.

stucarit 203 is applicable where the surface roughness of the seal faces is below 30 micron. The soft and pasty consistency enables an even distribution and penetration of the product into all surface irregularities, whereas the bearing areas remain in metal contact, so that absolutely exact constructions and installations are ensured. Assemblies with **stucarit 203** do not require excessive pre-load and torque and the technical complexity involved. Thanks to the metal contact the ultimate load factor V can be discount, as setting or creeping of the seal is impossible. Therefore, sources of error can be excluded. Constant vibration and oscillation is being transmitted without impairing the seal effect.

Field of application:

Sealing of surfaces

Particularly suitable for the use in transmission manufacturing and for the waterproofing of threads on adjusting screws.

Specific properties:

stucarit 203 is silicon-free.

The conversion with basic fluorine and chlorine trifluorine is possible with high temperatures and elevated impact, at over 300 °C also with alkali- and earthy base metals and their compounds.

It can be charged immediately after installation.

Application / Surface:

- The surfaces of the assembly components have to be clean and free from dust and grease.
- If possible, stir-up the sealing compound before use.

Cleaning of tools:

Thinner 11

Packaging unit:

Tube, plastic-tin

Basis / characteristics

Components		Solvent-			Chemical Basis					
1C	2C	free	containing	aqueous	EP	PU	Acrylate	Chloro- prene	Polyvinyl- acetate	Polyether

Properties of the liquid sealing compound

Property	Value	In accordance with standard
Viscosity	26 – 36 Pas	DIN EN ISO 3219
Density	1.3 – 1.4 g/cm ³ / 20 °C	DIN 53479
Colour	yellow	
Solid content	100 %	
Storage	24 months in closed original containers, stored in a dry and cool but frost-free place. Ideal storage temperature: 5 – 30 °C.	

Diese Druckschrift soll Sie beraten. Die darin gemachten Angaben entsprechen unserem besten Wissen, jedoch kann eine Verbindlichkeit daraus nicht hergeleitet werden.

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Properties of the sealing compound

Property	Value	In accordance with standard
Curing Ventilation time Skin formation time Curing / track 4-6 mm	none no skin formation permanently plastic	
Curing conditions / Contact pressure	no contact pressure required, just fixing	
Hardness (after 7 days at 20 °C) Shore-A Shore-D	- -	DIN 53505 DIN 53505
Adhesive strength in tensile shear test (after 7 days at 20 °C) Steel / Steel (blasted SA 2,5)	-	DIN EN 1465
Surface cleavability (after curing)	-	
Temperature resistance	-25 °C to +250 °C (slow heating recommended)	
Chemical resistance (max. 3 months)	Below 250 °C resistant against chemicals e.g.: fuel lubricants greases water Under exclusion of Freon (reversible swelling) and alkali metals in melted or dissolved form.	epple-standard

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