

Description:

In contrast to conventional liquid systems, our sealing compound **stucarit 309-new** 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 309-new is applicable where the surface roughness of the seal faces is between 30 and 80 micron. The soft and pasty consistency enables an even distribution and penetration of the product into all surface irregularities and scratches, whereas the bearing areas remain in metal contact. This results into absolutely exact constructions and installations. The technical complexity for excessive pre-load and torque does not apply.

Field of application:

Sealing of surfaces

stucarit 309-new is used after verification as sealant in vehicle construction, e. g. for articulated shafts and for threads in transmission manufacturing.

Specific properties:

stucarit 309-new is silicon-free.

The seal can be charged optionally high immediately after installation. It will bear any impact, as long as the relevant pre-load, avoiding the separation of the sealing elements under pressure, is given.

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, cartridge, plastic-tin

Basis / characteristics

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

Properties of the liquid sealing compound

Property	Value	In accordance with standard
Viscosity	350 – 470 Pas	DIN EN ISO 3219
Density	1.3 – 1.4 g/cm ³ / 20 °C	DIN 53479
Colour	blue	
Solid content	100 %	
Storage	36 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 +120 °C (colour might change slightly)	
Chemical resistance (max. 3 months)	aliphatic hydrocarbons aromatic hydrocarbons mineral oil water saline solutions 10 %	epple-standard

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