

Description:

epple 33 is an one-component, solvent-containing sealing compound on the basis of copolymers. The sealant forms a tough-elastic film, so that even larger gap lengths can be bridged.

Field of application:

Sealing of surfaces and seams

epple 33 is used at rough machined and coarse surfaces or threads, e. g. for the sealing of wickets, in transmission manufacturing or at air-ducts. Thanks to its low viscosity it can also be applied as sealant to absorbing substrates, as this provides slight consolidation of the surface at the same time.

Specific properties:

epple 33 is silicone-free and of remarkably high temperature resistance up to 320 °C.

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.
- The skin formation time at ambient is 15 – 30 minutes.

Cleaning of tools:

Thinner 11

Packaging unit:

Tube, brush-in cap tin, metal-tin

Basis / characteristics

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

Properties of the liquid sealing compound

Property	Value	In accordance with standard
Viscosity	16 – 25 Pas	DIN EN ISO 3219
Density	1.0 – 1.2 g/cm ³ / 20 °C	DIN 53479
Colour	grey	
Solid content	44 – 48 %	
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 cured sealing compound

Property	Value	In accordance with standard
Curing Ventilation time Skin formation time Curing / track 4-6 mm	none 15 – 30 min 18 h / 20 °C	
Curing conditions / Contact pressure	>5 °C / 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)	0.5 – 1.0 N/mm ²	DIN EN 1465
Surface cleavability (after curing)	none	
Temperature resistance (after 7 days at 20 °C)	-25 °C to +320 °C (slow heating recommended)	
Chemical resistance (after 7 days; max. 3 months)	ammonia vapour glycol (anhydrous) glycerine (anhydrous) fuel fuel oil mineral oil water saline solutions 10 %	epple-standard

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