

Gasket Maker



Permanently elastic special sealant

WEICON Gasket Maker is a strong and permanently elastic special sealant that cures with air humidity and practically without shrinkage. Gasket Maker shows very good adhesion to steel, aluminium, glass, ceramic, and many other materials.

Gasket Maker has an excellent temperature, oil and grease resistance, is resistant to pressure, ageing and UV radiation and is permanently elastic.

The special sealant can be used on engines and water pumps, gears and axles, oil sumps and in many other applications.

Technical Data

Base	1-C. polysiloxane (acetate)	
Texture	pasty	
Hardness (Shore A)	35±5	
Max. sealing joint width	25 mm	
Gap bridging up to max.	5 mm	
Temperature resistance	-60 °C to briefly +280 °C (approx. 2 h) +300 °C	
Density	1,28 g/cm³	
Curing condition	+5°C to +35°C at 30% to 95% rel. humidity	
Skin-over time	black / red	7 / 12 min.
Curing speed	in the first 24 h	2 - 3 mm
Volume change	DIN 52451	-1 / -3 %
Elongation at break	ISO 37, S3A	500 %
Tensile strength	ISO / S3A	2 N/mm²
Elongation at 100 %	ISO 37 S3A	0,9 N/mm²
Can be painted	not paintable	
Building material class	DIN 4102	B 2
Movement absorption max.	15 %	
Cure type	moisture-curing	
Minimum shelf life	at room temperature	12 mon.

Note

The specifications and recommendations given in this technical data sheet must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do guarantee the continuously high quality of our products. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

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Approvals / Guidelines

ISSA Code	75.628.24
IMPA Code	815212
MIL-Spec	complies with MIL-A-46106, MIL-A-46146

Surface Pre-Treatment

Surfaces must be clean and free of grease. Many surface soiling, such as oil, grease, dust and dirt can be removed with WEICON Surface Cleaner. For heavily soiled metal surfaces, we recommend Cleaner Spray S; for removing old colour residues or adhesive residues, WEICON Sealant and Adhesive Remover is ideal. Most materials can be bonded to and among each other. For certain materials or special requirements, we recommend the use of a bonding agent (primer). Mechanical surface pre-treatment e.g. by grinding or sanding can also improve the adhesion considerably.

Processing

Application methods Cartridge gun for 310 ml cartridges, compressed air gun, we recommend a version with piston rod (WEICON Compressed Air Cartridge Gun), automatic dosing systems. In order to guarantee and ideal wetting, the bonding parts need to be joined, before the adhesive skins over (skin-over time).

Storage

Store in the unopened original container at room temperature. Avoid sources of heat and direct sunlight.

Instructions for use

When using WEICON products, the physical, safety-related, toxicological and ecological data and regulations in our EC safety data sheets (www.weicon.com) must be observed.

Accessories

10000441	Cartridge Gun, 1 PCE
10020751	Cartridge Gun Special, 1 PCE
10033114	Compressed Air Cartridge Gun, 1 PCE
10025241	V-Joint Nozzle, 1 PCE

Available sizes

10049930	Gasket Maker, 310 ml, red
10049931	Gasket Maker, 310 ml, black

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