

Gasket Maker



Black / red Permanently elastic special sealant

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

It has an excellent temperature, oil and grease resistance, is pressure- and aging-resistant, UV-stable and 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

Composition	One-component acetate
Color	red / black
Density	1,18 / 1,04 g/cm ³
Viscosity	paste
Curing type	by humidity
Curing condition	+5°C to +35°C (+41 to +95°F) and 30% to 95% rel. humidity
Volume change (DIN 52451)	< -6 %
Gap filling up to max.	5 mm
Gap width up to max.	25 mm
Shelf life (+5°C to +25°C / +41°F to +77°F)	12 months
Shore A hardness (DIN 5355 / ASTM D 224) ± 5	30 / 37
Elongation at break acc. to ISO 37, S3A	300 / 470 %
Tensile strength acc. to ISO 37, S3A	2,5 / 2,2 N/mm ²
Movement capacity max.	15 %
Overpaintable (liquid paint)	cannot be painted over
Building material category (DIN 412)	B 2
Temperature resistance	-40 to +280 briefly (approx. 2 h) +300 °C

*Measured at 50% relative air humidity and +23°C

Surface pre-treatment

The surfaces must be clean and free of grease. Many surface contaminants, e.g. oil, dust and dirt, can be removed with WEICON Surface Cleaner. For heavily soiled metal surfaces, we recommend WEICON Cleaner Spray S; WEICON Sealant and Adhesive Remover is suitable for removing old paint or adhesive residues. Most materials can be bonded well to themselves and among each other. For certain materials or extreme requirements, we recommend the use of an adhesion agent (primer). Detailed information on this subject is contained in the primer selection table. A mechanical surface pre-treatment, e.g. sanding or sand-blasting, can considerably improve the adhesion.

Processing

Application methods

Professional cartridge gun for 310 ml cartridges, compressed air gun (we recommend a variation with piston rod), automatic dosing systems.

Joining the parts to be bonded

To ensure optimal wetting, the parts must be joined before the first skin has been formed on the adhesive (skin-over-time).

Storage

When unopened and stored at room temperature (+23°C and 50 % rel. humidity), WEICON elastic one-component adhesives and sealants have a shelf life of 12 months.

Safety and health

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

Available sizes:

- 30100310 Gasket Maker 310 ml red
- 30101310 Gasket Maker 310 ml black

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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