

Gasket Maker and Plast-o-Seal®

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/cm ³	
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/mm ²
Elongation at 100 %	ISO 37 S3A	0,9 N/mm ²
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	18 mon.

Approvals / Guidelines

ISSA Code	75.628.24	
IMPA Code	815212	
MIL-Spec	complies with	MIL-A-46106B Group III Typ 1

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.

Application

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.

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.

WEICON Middle East L.L.C.
United Arab Emirates
phone +971 4 880 25 05
info@weicon.ae

WEICON Czech Republic s.r.o.
Czech Republic
phone +42 (0) 417 533 013
info@weicon.cz

WEICON GmbH & Co. KG
(Headquarters) Germany
phone +49 (0) 251 9322 0
info@weicon.de

WEICON Romania SRL
Romania
phone +40 (0) 3 65 730 763
office@weicon.com

WEICON South East Asia Pte Ltd
Singapore
Phone (+65) 6710 7671
info@weicon.com.sg

WEICON Colombia S.A.S
Colombia
Phone: +57 314 793 86 06
Email: info@weicon.co

WEICON Inc.
Canada
phone +1 877 620 8889
info@weicon.ca

WEICON Ibérica S.L.
Spain
phone +34 (0) 914 7997 34
info@weicon.es

WEICON Italia S.r.L.
Italy
phone +39 (0) 010 2924 871
info@weicon.it

WEICON SA (Pty) Ltd
South Africa
phone +27 (0) 21 709 0088
info@weicon.co.za

WEICON Kimya Sanayi Tic. Ltd. Şti.
Türkiye
phone +90 (0) 212 465 33 65
info@weicon.com.tr

Gasket Maker

Accessories

10000441	Cartridge Gun, 1 PCE
10101992	Clip Nozzle Green Tube, 1 PCE, transparent
10020751	Cartridge Gun Special, 1 PCE
10025241	V-Joint Nozzle, 1 PCE
10059792	Pressure gun Airflow 3, 1 PCE

Available sizes

10105055	Gasket Maker, 280 ml (Green Tube), red
10105052	Gasket Maker, 280 ml (plastic bag), red
10105058	Gasket Maker, 280 ml (Set), red
10105064	Gasket Maker, 280 ml (Green Tube), black
10105067	Gasket Maker, 280 ml (Set), black
10105061	Gasket Maker, 280 ml (plastic bag), black

To the product detail page:



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.

WEICON Middle East L.L.C.
United Arab Emirates
phone +971 4 880 25 05
info@weicon.ae

WEICON Czech Republic s.r.o.
Czech Republic
phone +42 (0) 417 533 013
info@weicon.cz

WEICON GmbH & Co. KG
(Headquarters) Germany
phone +49 (0) 251 9322 0
info@weicon.de

WEICON Romania SRL
Romania
phone +40 (0) 3 65 730 763
office@weicon.com

WEICON South East Asia Pte Ltd
Singapore
Phone (+65) 6710 7671
info@weicon.com.sg

WEICON Colombia S.A.S
Colombia
Phone: +57 314 793 86 06
Email: info@weicon.co

WEICON Inc.
Canada
phone +1 877 620 8889
info@weicon.ca

WEICON Ibérica S.L.
Spain
phone +34 (0) 914 7997 34
info@weicon.es

WEICON Italia S.r.L.
Italy
phone +39 (0) 010 2924 871
info@weicon.it

WEICON SA (Pty) Ltd
South Africa
phone +27 (0) 21 709 0088
info@weicon.co.za

WEICON Kimya Sanayi Tic. Ltd. Şti.
Türkiye
phone +90 (0) 212 465 33 65
info@weicon.com.tr