

# Silicone A



## Acetoxy curing | fungicidal

WEICON Silicone A is solvent-free, acetoxy-curing, strong, permanently elastic, resistant to ageing and chemicals, temperature-resistant up to +180 °C (+356 °F), extremely elastic (breaking elongation >700%) and can be used universally. Silicone A adheres very well to steel, aluminium, glass, ceramics, and many other materials.

Silicone A can be used in machine and system construction, ventilation and air conditioning systems, in the energy and electrical industry, in exhibition construction and shopfitting and in many other industrial applications.

## Technical Data

Base	1-C. polysiloxane (acetate)
Texture	pasty
Can be painted	no
Cure type	moisture-curing
Stability/run-off	ASTM D 2202
Viscosity	1.0 mm
Density	4.210 Pa·s (0,5 1/s)
Curing condition	110 Pa·s (50 1/s)
Processing temperature	1,03 g/cm³
Curing speed	from +5°C to +40°C and 30% to 95% rel. air humidity
Skin-over time	in the first 24 h
Gap bridging up to max.	2 - 3 mm
Max. sealing joint width	15 min.
Tensile strength	5 mm
Elongation at break (tensile)	ISO 37, S3A
Elongation at 100 %	700 %
Movement absorption max.	ISO 37 S3A
Volume change	0,3 N/mm²
Hardness (Shore A)	25 %
Temperature resistance	DIN 52451
Thermal conductivity	-40°C to +180°C
Building material class	20±5
Minimum shelf life	DIN ISO 7619
	at room temperature
	15 mon.
<b>Approvals / Guidelines</b>	
ISSA Code	75.628.28
IMPA Code	815207
MIL-Spec	complies with
	MIL-A-46146

## Surface Pre-Treatment

Surfaces must be clean and free of grease. Many surface soilings, 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

Processing Cartridge gun for 310 ml cartridges, compressed air gun, we recommend a version with piston rod (WEICON Compressed Air Cartridge Gun), automatic dosing systems. Processing tube (only transparent) Squeeze out by hand Close tube again immediately after use, opened tubes should be used up as quickly as possible. Joining the components 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.

### 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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## 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](http://www.weicon.com)) must be observed.

## Accessories

- 10025241 V-Joint Nozzle, 1 PCE
- 10033114 Compressed Air Cartridge Gun, 1 PCE
- 10020751 Cartridge Gun Special, 1 PCE
- 10000441 Cartridge Gun, 1 PCE
- 10101992 Clip Nozzle Green Tube, 1 PCE, transparent

## Available sizes

- 10000408 Silicone A, 85 ml, transparent
- 10104900 Silicone A, 280 ml (plastic bag), grey
- 10104903 Silicone A, 280 ml (Green Tube), grey
- 10104906 Silicone A, 280 ml (Set), grey
- 10104910 Silicone A, 280 ml (plastic bag), white
- 10104913 Silicone A, 280 ml (Green Tube), white
- 10104916 Silicone A, 280 ml (Set), white
- 10104921 Silicone A, 280 ml (plastic bag), transparent
- 10104924 Silicone A, 280 ml (Green Tube), transparent
- 10104927 Silicone A, 280 ml (Set), transparent
- 10104930 Silicone A, 280 ml (plastic bag), black
- 10104933 Silicone A, 280 ml (Green Tube), black
- 10104936 Silicone A, 280 ml (Set), black

To the product detail page:



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