

# Pipe Repair-Kit



Certified to  
NSF/ANSI 61

**Set for the emergency repair of defective and damaged pipes and pipelines | drinking water approval**

The set is ideal for the emergency repair of defective and damaged pipes and pipelines. It comprises one WEICON Repair Stick Multi-Purpose, a special repair tape made of fibreglass-reinforced plastic, assembly instructions and one pair of protective gloves. The repair tape is soaked with a special resin and is activated by contact with water. The Pipe Repair-Kit can be processed without additional tools and provides reliable long-term sealing of cracks and leaks. It is very easy and fast to apply and shows excellent adhesive properties, high resistance to pressure and chemicals as well as high temperature resistance up to 150°C. Within 30 minutes, the tape is fully cured and hard-wearing. Due to the fabric properties of the tape, the resulting high flexibility, and the easy application, the Repair-Kit is especially suitable for use on pipe bends, T-pieces, or areas difficult to reach. It can be used on many different surfaces, such as stainless steel, aluminium, copper, PVC, many plastics, fibreglass, concrete, ceramic and rubber.

## Technische Daten Tape

Basis Tape		polyurethane
Pot life tape		3-5
Handling strength tape	(35 % strength)	7-10 min.
Final strength tape	(100 % strength)	30 min.
Tensile strength tape		35 MPa
Compressive strength tape		150 bar
Shore hardness D tape	ASTM D 1706	70
Temperature resistance Stick		up to +150 °C

## Technische Daten Stick

Basis Stick		epoxy resin
Texture Stick		modelling compound
Filler Stick		mineral
Colour after curing Stick		vintage white
Processing temperature Stick		+15 °C up to +40 °C
Component temperature Stick		>3 °C above dew point
relative air humidity Stick		< 85 %
Mixing ratio by volume Stick		1:1
Density of the mixture Stick		1,9 g/cm <sup>3</sup>
max. gap bridging Stick		15 mm
Pot life Stick	20 °C, 10 g batch	ca. 4 min.
Working strength Stick	(80 % strength)	60 min.
Final strength Stick	(100 % strength)	24 h
Shrinkage Stick		<1,0 %
Compressive strength Stick	DIN EN ISO 604	55 MPa
Hardness (Shore D) Stick	DIN ISO 7619	80±3
Adhesive strength Stick	DIN EN ISO 4624	8
Temperature resistance Stick		-50 °C to + 120 °C up to +150 °C
Thermal conductivity Stick	DIN EN ISO 22007-4	0,4 W/m·K
Resistance Stick	DIN EN 62631-3-1	ca. 5·10 <sup>11</sup> Ω·m
1071_Durchschlagfestigkeit Stick		3,0
magnetic		no

## Approvals / Guidelines

NSF	NSF/ANSI Standard 61
IMPA Code	815239

## Instructions for use

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



## Surface pre-treatment

The successful application of the WEICON Pipe Repair-Kit depends on the thorough surface pre-treatment. Dust, dirt, oil, grease, residues, rust, moisture or wetness have a negative impact on the adhesion. Best results are achieved on clean, solid and roughened surfaces.

### 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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## Pipe Repair-Kit

The surfaces must be clean, dry and free of grease (metallically clean). Nearly all kinds of surface soilings, like old paint, oil, grease, dust and dirt, can be removed with WEICON Surface Cleaner or WEICON Sealant and Adhesive Remover. For heavily soiled or smooth surfaces, adhesion can be optimised by surface sanding with coarse abrasives.

### Shelf life

Store WEICON Pipe Repair-Kit at room temperature in a dry place. Unopened containers can be stored at temperatures of +18°C to +28°C for at least 24 months after delivery.

### Conversion table

$(^{\circ}\text{C} \times 1,8) + 32 = ^{\circ}\text{F}$	$\text{Nm} \times 8,851 = \text{lb}\cdot\text{in}$
$\text{mm}/25,4 = \text{inch}$	$\text{Nm} \times 0,738 = \text{lb}\cdot\text{ft}$
$\mu\text{m}/25,4 = \text{mil}$	$\text{Nm} \times 141,62 = \text{oz}\cdot\text{in}$
$\text{N} \times 0,225 = \text{lb}$	$\text{mPa}\cdot\text{s} = \text{cP}$
$\text{N}/\text{mm}^2 \times 145 = \text{psi}$	$\text{N}/\text{cm} \times 0,571 = \text{lb}/\text{in}$
$\text{MPa} \times 145 = \text{psi}$	$\text{kV}/\text{mm} \times 25,4 = \text{V}/\text{mil}$

### Available sizes:

10710001	Pipe Repair-Kit, 1,5 m
10710002	Pipe Repair-Kit, 3,5 m
10710003	Pipe Repair-Kit, 3,5 m
10710004	Pipe Repair-Kit, 10 m

To the product detail page:



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