

## Repair-Tape



**Flexible, durable and self-fusing repair tape for applications in indoor or outdoor areas.**

Flexible, durable and self-fusing repair tape made of fibreglass-reinforced plastic for fast emergency repairs in indoor or outdoor areas. The tape is soaked with a special resin and is activated by contact with water.

It enables a very easy and fast application as well as very high adhesive strength on nearly all surfaces. After just 30 minutes, the tape is fully cured and hard-wearing. After curing, the tape can be sanded and painted. The tape can be applied without additional tools and is used for reliable and durable repairs in industrial applications, skilled trades, around the house, and in the camping and DIY sector.

### Characteristics

Base	polyurethane
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### Processing

Processing temperature	+10 °C to +35 °C
Cure temperature	+6 °C to +40 °C

### Curing

Pot life	at 20 °C	3 - 5 min.
Handling strength	(35 % strength)	7 min.
Final strength	(100 % strength)	30 min.

### Mechanical properties after curing

Tensile strength	35 MPa
Compressive strength	30 bar
Hardness (Shore D)	ASTM D 1706 70

### Thermal parameters

Temperature resistance	-50 °C bis +120 °C (briefly +150 °C)
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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.

### Storage

Store WEICON Repair-Tape at room temperature. Unopened containers can be stored at temperatures of +18 °C to +28 °C for at least 24 months after delivery.

### Scope of delivery

Gloves | Repair Tape

### 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

10057453	Repair-Tape, 1,5 m x 5 cm, white
10057454	Repair-Tape, 3,5 m x 5 cm, white
10057455	Repair-Tape, 3,5 m x 10 cm, white
10067707	Repair-Tape, 1,5 m x 5 cm, black
10067709	Repair-Tape, 3,5 m x 5 cm, black
10067711	Repair-Tape, 3,5 m x 10 cm, 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.

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## Chemical resistance of WEICON Plastic Metals after curing\* (Excerpt)

Acetone	+	Mineral oil	+
Petrol (92-100 octane)	+	Crude oil	+
Diesel fuels	+	Sulphuric acid <5%	+
Ethanol <85 % (ethyl alcohol)	+	Toluene	+
Hydrauliköl	+	Varsol	+
Methylethylketon_MEK	+		

+ = resistant 0 = for a limited time - = not resistant \*The storage of all WEICON Plastic Metal types was carried out at +20°C chemical temperature.

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