

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 glass-fibre reinforced plastic for quick emergency repairs in indoor or outdoor areas.

The tape is soaked with a special resin and is activated by contact with water.

It can be applied very easily and fast and shows very high adhesive strength on almost all surfaces. After just 30 minutes, the tape is fully cured and hard-wearing. After curing, the tape can be sanded and painted over. It has high chemical and temperature resistance – from 50 °C / (-58 °F) to +150 °C (302 °F) for short periods. 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 |
| Materialstärke_vor_der_Aushaertung | 0,594 mm |
| Materialstärke_nach_der_Aushaertung | 1,147 mm |

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) |
|------------------------|--------------------------------------|

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.

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 |
| 10057459 | Repair-Tape, 10 m x 12,5 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 | + |
| Hydraulic oil | + | Varsol | + |
| Methyl ethyl ketone (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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