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
Material thickness before curing		0,594 mm
Material thickness after curing		1,147 mm
Minimum shelf life	at room temperature	24 mon.
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)
Approvals / Guidelines		
MIL-Spec	complies with	-

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 in unopened original container at constant room temperature in a dry place. Avoid sources of heat and both direct and indirect sunlight. Once opened, the shelf life is reduced.

Scope of delivery

Gloves | Repair Tape

Conversion table

(°C x 1.8) + 32 = °F	Nm x 8.851 = lb·in
mm/25.4 = inch	Nm x 0.738 = lb·ft
µm/25.4 = mil	Nm x 141.62 = oz·in
N x 0.225 = lb	mPa·s = cP
N/mm^2 x 145 = psi	N/cm x 0.571 = lb/in
MPa x 145 = psi	kV/mm x 25.4 = V/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

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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Polyurethane Systems
Repair Tapes

Repair-Tape

To the product detail page:

Chemical resistance after curing* (Excerpt)

Acetone	+	Mineral oil	+
Ammonia anhydrous 25%	o	Crude oil	+
Petrol (92-100 octane)	+	Sulphuric acid <5%	+
Diesel fuels	+	Toluene	+
Ethanol <85 % (ethyl alcohol)	+	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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