

PRODUCT DATA SHEET

EVERBUILD® SILWELD® Silicone Repair Tape

Silicone self-fusing repair tape

PRODUCT DESCRIPTION

EVERBUILD® SILWELD® Silicone Repair Tape is an incredible tape that can be used to repair almost anything, from an emergency repair to a water hose or air pipe, to insulating electrical wires or connections. It creates an airtight, watertight seal in seconds without the need for any adhesive and it even works under water! Silweld® is an excellent electrical insulator up to 8,000 volts, it withstands extreme temperatures from -65 °C to 260 °C and even withstands pressure to 700 psi. Silweld® also resists petrol, oils, acids, solvents, salt water and UV rays.

USES

EVERBUILD® SILWELD® Silicone Repair Tape is so diverse that it can be used for permanent or temporary repairs to just about anything including:

- U-Bends.
- All pipes and hoses.
- Electrical insulation & sealing electrical wires & connections.
- Binding rope ends.
- Corrosion protection.
- Strapping.
- Tool grips.
- And many, many more uses.

PRODUCT INFORMATION

Chemical Base	Silicone Rubber - Non adhesive, self-amalgamating
Packaging	3 metre rolls
Shelf Life	36 months from date of manufacture
Storage Conditions	Store in cool dry conditions between +5 °C and +25 °C. Safe in normal use, however as a precaution keep plastic outer packaging away from children.

CHARACTERISTICS / ADVANTAGES

- Gives an airtight and watertight seal in seconds.
- Non adhesive – self-fusing.
- Totally waterproof.
- Excellent electrical insulator up to 8,000 volts.
- Resists petrol, oil, acids, solvents, saltwater, UV rays.
- Withstands pressure to 700 psi.
- Even works underwater.

Adhesive	Non adhesive, self-amalgamating
Type Of Film	Silicone rubber
Pressure resistance	Up to 700 psi
Water Resistance	Fully waterproof
UV Resistance	Excellent

TECHNICAL INFORMATION

Service Temperature

-65 °C to +260 °C

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LIMITATIONS

EVERBUILD® SILWELD® Silicone Repair Tape starts fusing immediately upon application and is not re-usable. Should you wish to reposition the tape, unwrap the tape within 30 seconds to re-use.

ECOLOGY, HEALTH AND SAFETY

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in the product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0,1 % (w/w).

APPLICATION INSTRUCTIONS

APPLICATION METHOD / TOOLS

Ensure surfaces are clean and free from dust. Separate the tape from the liner and press the tape firmly onto the surface, starting at the repair point. Work the tape to 3 to 4 centimetres either side of the repair, stretching while wrapping. To ensure a good seal wrap the tape with a two-thirds overlap; the tape should be stretched to twice its original length (the longer the stretch the stronger the seal will be).

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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