

Quick Wrap



Repair kit for broken pipes.



Properties:

- No mixing of product necessary
- Solely water activated
- Excellent chemical and temperature resistance
- Non-flammable, odourless

Advantages:

- Simple application
- Quick repair of broken pipes
- No dismantling of the damaged piping necessary
- Suitable also for contact with potable water

Applications:

QUICK WRAP is a unique, easy-to-use, quick system for permanent pipe repair. It is especially suitable for such repairs, where decommissioning of the repaired parts would lead to considerable effects on the price and complexity of the repair with regards to further production process. However, it is also suitable for ordinary repairs of any tears and holes, especially in tubes and piping systems. **QUICK WRAP** has excellent adhesion and provides quick repair of pipes, hoses, water and steam systems etc.

QUICK REPAIR can resist temperatures of up to 150°C. After curing, it can be sanded or varnished to complete the final appearance of the repair.

Order codes:

Name	Storage code	Package	Volume / Size	Order number
Quick Wrap 5 cm x 1.5 m	RQW2K	Packet	5 x 150 cm	R 30207K
Quick Wrap 5 cm x 3.5 m	RQW3K	Packet	5 x 350 cm	R 30242K
Quick Wrap 10 cm x 3.5 m	RQW4K	Packet	10 x 350 cm	R 30257K
Quick Wrap 15 cm x 10 m	RQW4K	Packet	15 x 1000 cm	R 30208K

Instructions for use:

Minimize the liquid flow in the pipes / lower the system pressure, ideally to zero if possible. It is necessary to remove pipe insulation where present. Thoroughly clean the repaired area with a rotating steel brush (all the way to the metal if possible), roughen the surface and finally degrease using **RETECH FINE CLEANER**. Dry the repaired area and apply **QUICK WRAP**.

In case of larger damage to the pipes, it is necessary to use one of the four below mentioned procedures to prevent leakage before the application of **QUICK WRAP**.

1. Repair using **RETECH HEAVY DUTY STRETCH TAPE (HDS)**

Remove protective foil from the top of the tape. Apply the tape with medium stretch, make first wrapping as a basic strength layer next to the micro-leakage. Afterwards, stretch the tape to its maximum stretch limit 300% (the tape will turn slightly white) and apply first complete wrapping using the complete width of the tape axially over the leakage. Apply at least eight more layers over the leakage always with a ½ tape width overlap and in a distance at least two tape widths from the leakage area. Apply **QUICK WRAP** immediately afterwards.

2. Repair using the attached patch (RQW)

The patch is fixated to the repaired area with **RETECH POLYFIX**. Apply **QUICK WRAP** immediately afterwards.

3. Repair using **RETECH QUICK METAL (RQM)**

Cut off the desired amount of **RETECH QUICK METAL** and rub it between your fingers to achieve a uniform colour. Leave the substance at room temperature for a while in case it is too hard. Shape as the desired peg/patch and apply in a layer of min. 5 mm to the repaired area. For pressure piping repairs, leave the substance to harden slightly before applying **QUICK METAL** and **QUICK WRAP** immediately afterwards.

4. Repair using **RETECH TECHNOBOND BLACK (RTB)**

Using an extruder gun, apply a uniform layer of **RETECH TECHNOBOND BLACK** around the whole pipe, in a distance of 8 cm on each side of the leakage and smoothen it to a minimum 3 mm thick layer using a ruler. Soap water can be used to fill in and smoothen potential surface flaws up to 10 min after application. Leave the product for 24 hours to fully cure and apply **QUICK WRAP**.

Note In case of further pipe damage and more leakage under the repaired area, it is necessary to proceed with a higher level of procedure to prevent leakage and to extend the repaired area.

Final application of **RETECH QUICK WRAP**:

Put on the enclosed gloves (preferably on dry hands). Rip the protective foil immediately before application. Soak **RETECH QUICK WRAP** in water at 30 °C (+/- 5 °C) for 10 to 40 seconds depending on ambient temperature and relative humidity. Firmly squeeze **RETECH QUICK WRAP** during its soaking in order to achieve the most warm water penetration into the bottom layers of **RETECH QUICK WRAP** winding. Regarding the 10 to 40 second soaking time, the rule is that the higher the ambient temperature is, the shorter the soaking time and vice versa. During the application, it is possible to support the **RETECH QUICK WRAP** bottom layer activation by using a sprayer with 40 °C warm water.

In extreme cases of ambient temperature exceeding 40 °C, it is possible to apply **RETECH QUICK WRAP** without soaking and only activate it during application by using a sprayer with 40 °C water.

Wrap with a 5 cm overlap on both sides of the sealing material. Press and shape **RETECH QUICK WRAP** in the wrapping direction to remove any excess water. It is always necessary to use the complete length of **RETECH QUICK WRAP** for the repair. After a while, **RETECH QUICK WRAP** is already set and the piping can be pressurized within 30 minutes.

ONLY FOR PROFESSIONAL AND INDUSTRIAL USE!

Technical data:

Piping sealing procedure:	RETECH QUICK WRAP				
	-	Heavy Duty Stratch Tape	Attached patch	Quick Metal	Technobond
Suitable for damage	Damp piping	Micro leakage	Dripping leakage	Through crack	
Max. pressure in pipe	0,7 MPa (6,9 Atm)		0,9 MPa (8,8 Atm)	9 MPa (88 Atm)	13 MPa (128 Atm)
Seismic resistance	No				Yes
Repair life	min. 5 years				
Bending strength	11,3 kg/cm ²				
Tensile strength	17,5 kg /cm ²				
Compressive strength	18,7 kg/cm ²				
Liquid pH range in the piping	3 – 13,5 pH				
Temperature resistance	+5 °C – +150 °C; short-term +180 °C (20 min)				
Can be used as insulator	up to 600 V				
Shelf life if unopened	3 years				
Application temperature	+5 °C – +40 °C				

Storage:

In a dry place place, in the original packaging.

Health and Safety:

Please read our Material Safety Data Sheet.

Declaration:

The information and recommendations in this publication are to the best of our knowledge reliable. However nothing herein is to be construed as a warranty or representation. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purposes. Statements concerning the use of the products described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is to be assumed.

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