

# Wencon Pipe Tape

The instant repair bandage for leaking pipes

- Quick and effective to use
- No mixing – No tools
- Water activated
- Ready for use in 10 seconds – Cures in 10 minutes
- Suitable for all pipes and surfaces



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Wencon Pipe Tape is a fast curing pipe repair bandage especially formulated to make quick and effective repairs of cracks, leaks, fractures, and corrosion porosity in piping carrying water, oil, steam, most gases and even solvents. Wencon Pipe Tape has good pressure, temperature and chemical resistance.

Wencon Pipe Tape is a preimpregnated fibreglass bandage ready for use after soaking in water for 10 seconds. After 10 minutes cure the bandage hardens and the pipe can usually be reactivated. The bandage is fully cured within 1 hour.

The knitted – non-woven fibreglass structure gives the bandage maximum strength and facilitates repairs on corner joints, elbows and other shaped fittings.

Wencon Pipe Tape is available in 3 standard sizes;

- 5x150 cm (2x60 inch.), designed for pipes up to 50 mm (2 inch) diameter
- 5x350 cm, (2x140 inch) designed for pipes up to 125 mm (5 inch) diameter
- 10x350 cm (4x140 inch) designed for pipes up to 200 mm (8 inch) diameter

For larger diameters use a second bandage to complete the repair.

Repairs with Wencon Pipe Tape require no tools. Besides the pipe bandage the package also contains protective gloves and plastic bags for water.

If the pipe can not be emptied or when high pressure repairs are required, Wencon Putty can be used to stop the leakage and reinforce the repair.

The Wencon Pipe Repair Kit contains Wencon Putty as well as repair bandages, gloves and plastic bags.



### Product numbers:

### IMPA no.

### ISSA no.

No. 1045	Wencon Pipe Tape, 5 units (5x150 cm) (2x60 inch)	812344	75.553.30
No. 1046	Wencon Pipe Tape, 4 units (5x350 cm) (2x140 inch)	812348	75.553.31
No. 1044	Wencon Pipe Tape, 2 units (10x350 cm) (4x140 inch)	812328	N/A
No. 1047	Wencon Pipe Repair Kit, 2 units/ (5x150 cm) (2x60 inch) + putty (125gr)		
No. 1048	Wencon Pipe Repair Kit, 5 units/ (5x150 cm) (2x60 inch)+ putty (125gr)		

## General Description

Wencon Pipe Tape is a fast curing pipe repair bandage especially formulated to make quick and effective repairs of cracks, leaks, fractures, and corrosion porosity in piping carrying water, oil, steam and most gases and solvents. Wencon Pipe Tape has good pressure, temperature and chemical resistance.

## Surface preparation

Prepare the surface by cleaning and abrading the area surrounding the damage.

Degreasing with Wencon Cleaner can improve adhesion.

## Mixing Ratio

No mixing is required

Wencon Pipe Tape is pre impregnated with polyurethane resin and is water activated.

## Applying

Select the correct size Wencon Pipe Tape.

Prepare the surface by cleaning and grinding the area surrounding the damage.

Stop the leakage with Wencon Putty if necessary.

Unpack the Wencon Pipe Tape and soak it in water for 10 seconds.

Wrap the Wencon Pipe Tape firmly around the pipe with 50% overlap. A minimum of 9 complete windings is recommendable.

Continue to smoothen the surface and to apply pressure to the bandage with a wetted glove, until it stops bobbling and starts to cure. This is important for closing the pores.

## Pot Life

3-6 minutes depending on air and water temperature.

## Curing time

The bandage hardens in 10 minutes and is fully cured within 1 hour at 20°C (68°F)

## Machine-ability

No post curing machining necessary

## Technical Data

Pipe pressure without Wencon Putty: 10 Bar (145 p.s.i.) \*)

Pipe pressure with Wencon Putty: 50 Bar (725 p.s.i.) \*)

Flexural strength: ASTM D709 111 N/mmsq.

Tensile strengt: ASTM D638 172 N/mmsq. (15,800 p.s.i.)

Compression strength: ASTM D695 180 N/mmsq. (25,600 p.s.i.)

Adhesion at one-inch single overlap: 19 N/mmsq.

Dielectric strength: 16 KV/mm

Adhesion to steel: 19 N/mm2

## Temperature Resistance

Continuous: 120°C (248°F)

Peak: 190°C (374°F)

## Chemical Resistance

Water, salt water, oil, diluted acids and alkalis.

## Shelf life

@ 20°C: 3 years (68°F)

## Handling Precautions

Read the instructions for use and the Material Safety Data Sheet

*REMEMBER TO WEAR GLOVES*

*\*) Laboratory tests have shown much higher values, but the mentioned values will count for repairs done in situ. Users are advised to make their own tests if any doubt.*