

Wencon Pipe Tape

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 abrading the area surrounding the damage
- Soak the Wencon pipe Tape it in water for 10 seconds
- Wrap the Wencon Pipe Tape firmly around the pipe with 50% overlap, extending 50mm beyond the damage.
- Continue by wetting the outside of the bandage in the direction of the wrap until the bandage begins to set.

Pot Life

3-6 minutes depending on air and water temperature.

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

Curing time

No post curing machining necessary

Machine-ability

Pipe pressure without Wencon Putty: 10 Bar*)

Technical Data

Pipe pressure with Wencon Putty: 50 Bar*)

Flexural strength: ASTM D709 111 N/mmsq.

Tensile strength: ASTM D638 172 N/mmsq.

Compression strength: ASTM D695 180 N/mmsq.

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

Dielectric strength: 16 KV/mm

Temperature Resistance

Continuous: 120°C (248°F)

Peak: 190°C (374°F)

Chemical Resistance

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

Handling Precautions

Read the instructions for use and the Material Safety Data Sheet

*) 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 in doubt.