



WINKEL Pipe Repair Bandage

TECHNICAL DATA SHEET

WINKEL Pipe Repair Bandage

PRODUCT DESCRIPTION

WINKEL Pipe Repair Bandage is a resin impregnated glass fibre-reinforced repair tape designed for the rapid repair of cracks and leaks. It is easy to use and repaired items can be back in use in less than 30 minutes.

APPLICATIONS

- Pipe repairs: offline repairs, sealing joints, hazardous material spill control, reinforce thinning walls
- Abrasion protection
- Structural reinforcement
- Repairs in hard to reach areas
- Underwater repairs

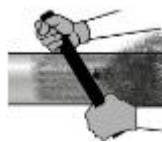
USEFUL HINTS

- Anti-corrosion, pipe protection – Protect pipes from environmental corrosion
- Wear protection – protects pipes and metal parts against abrasive wear.
- Concrete and Steel protection – protect concrete pillars and steel structures from salt corrosion.

INSTRUCTIONS FOR USE



1. Minimize the flow rate and reduce system pressure



2. Roughen the area to be repaired



3. Knead the Seal Stick so that the 2 components mix



4. Place the Seal Stick in the hole



5. Wear gloves. Open the package at a time in order to escape from causing moisture to cure the resin. Immerse Wrap Seal Fiberglass Tape into water for 3 seconds



6. Wrap the damaged area extending 2inch(5cm) as tightly and evenly as possible, using the entire roll



7. After finish wrapping, smooth the surface to achieve good contact between each layer.

Note:

1. Wear the gloves to protect your hands before open the package.

2. For step 3 & 4 ,if you haven't epoxy putty ,please use other sealing material to seal first,then wrap the bandage.

3. Make sure the epoxy putty thoroughly mixed.

TECHNICAL DATA & PERFORMANCE

Drying & Cure Times at 20°C (68°F)

Working Time	3-5 minutes
Cured material life	10-20 years dependent on repair quality, environmental conditions, pipe temperature etc.
Initial Cure Time	7-10 minutes
Full cure Time	30minutes

Appearance

Single Pack	Black/White
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Shelf Life

2 years if unopened and store in normal dry conditions (15-30°C / 60-86°F)

Maximum Heat Resistance

150°C

Mechanical Properties

Tensile Strength	5075Psi
Pressure resistance	400PSI(Based on 10 layers)
Shore D Hardness	70

Chemical resistance

Chemical	Resistance
Citric Acid <10%	R
Crude Oil	R
Diesel	R
Formic Acid <10%	R
Zinc Chloride R	R
Phosphoric Acid < 10-20-75%	R
Potassium Carbonate	R
Sulphuric acid (30%)	R
Hydrochloric acid	R

SIZE WE CAN SUPPLY

Product	P/N	Size
Pipe Repair Bandage	PR002	2inch x 12ft
	PR002-27	2inch x 9ft
	PR002-45	2inch x 15ft
	PR003	3inch x 12ft
	PR003-27	3inch x 9ft
	PR003-45	3inch x 15ft
	PR004	4inch x 12ft
	PR004-27	4inch x 9ft
	PR004-45	4inch x 15ft
	PR005	5inch x 12ft
	PR005-27	5inch x 9ft
	PR005-45	5inch x 15ft
	PR006	6inch x 12ft
	PR006-27	6inch x 9ft
	PR006-45	6inch x 15ft

Health & Safety: Please ensure good practice is observed at all times during the mixing and application of this product. Protective gloves must be worn during the mixing and application of this product. Before mixing and applying the material please ensure you have read the fully detailed Material Safety Data Sheet