

RESIMETAL 108 Pipe Repair Tape – fast curing water activated pipe repair bandage

Resimetal 108 Pipe Repair Tape is a high-performance rapid curing moisture activated repair bandage, specifically developed for the repair of leaking pipes, which is activated by immersion in water.

- Apply to hand prepared or mechanically cleaned surfaces
- Rapid curing – fully cured in 30 mins
- From 50-400psi pressure resistance

Cure Times

At 68°F the applied materials should be allowed to harden for the times indicated below before being subjected to the conditions indicated. These times will be extended at lower temperatures and reduced at higher temperatures:

Usable Life	3 mins
Full cure	30 mins

Pack Sizes

This product is available in the following pack sizes –

- 2"x6ft
- 2"x12ft
- 4"x12ft
- 4"x30ft
- 6" x 30ft

Color

Mixed material - White

Over-coating times

Minimum - the applied material can be over-coated as soon as it is touch dry.

Maximum - the over-coating time should not exceed 1 hour.

Where the maximum over-coating time is exceeded, the material should be allowed to harden before being abraded to remove surface contamination.

Surface Preparation – Hand tools such as wire brush, coarse sandpaper & metal file

1. Where possible, isolate and remove all pressure from the line. The repair procedure can be applied over a "live leak" however the success will depend on the volume and pressure of said leak, therefore it is recommended to reduce the flow of liquid as much as possible.
2. All oil and grease must be removed from the surface using an appropriate cleaner such as M.E.K.
3. All surfaces must be cleaned using wire brush, metal file, coarse sandpaper etc. The use of mechanical tools such as grinders and Bristle blasters can potentially enhance the performance of the system.
4. Once abraded, the surface must be degreased and cleaned using MEK or similar type material.
5. Cut and hand mix a portion of 103 Metal Repair stick to cover the leak area. Press the material in to repair area and hold in place until cured (up to 5 minutes). Where necessary wrap the uncured 103 Metal repair stick with a 110 Rubber tourniquet to hold the plug-in place until cured and then carefully remove the tourniquet (apply materials in accordance with relevant technical data sheets).

Mixing & Application

Prior to mixing, please ensure the following:

The ambient & surface temperature is above 41°F

Once this check has been carried out, please proceed with mixing the product.

1. Immerse the bandage in water and squeeze two or three times for about five seconds prior to use.
2. Remove roll from water.
3. Centre tape over the leaking surface & the 103 Metal Repair patch and wrap the bandage around the pipe,

extending out on each side to the specified distance (in accordance with the table below), pulling firmly throughout application.

4. After 2-3 minutes resin foam will come through the tape, which is desirable and aided by pulling tightly.
5. Continue wrapping until the entire roll is applied, and where necessary, apply any further tapes (see table below).
6. Wet your gloves in water, smooth and firmly press the wet resin back into the wrap.
7. KEEP HANDS MOVING QUICKLY AND WET GLOVES FREQUENTLY TO AVOID STICKING.
8. Once the resin has stopped foaming ensure the resin is as smooth as possible and leave to cure.

Guide to pipe diameter, pressure, operating temperature, bandage width & repair width

Nominal Pipe Diameter	Minimum Repair Width	Bandage Requirements		
		50psi (10 wraps min)	150psi (15 wraps min)	400psi (20 wraps min)
0.5in	2in	1 of (2in x 6ft)	1 of (2in x 6ft)	1 of (2in x 6ft)
1in	2in	1 of (2in x 6ft)	1 of (2in x 6ft)	1 of (2in x 6ft)
2in	2.5in	1 of (2in x 12ft)	1 of (2in x 12ft)	1 of (2in x 12ft)
3in	3in	1 of (2in x 12ft)	1 of (2in x 12ft)	2 of (2in x 12ft)
4in	3.5in	2 of (2in x 12ft)	2 of (2in x 12ft)	2 of (2in x 12ft)
5in	4.8in	2 of (2in x 12ft)	3 of (2in x 12ft)	3 of (2in x 12ft)
8in	7in	2 of (4in x 30ft)	3 of (4in x 30ft)	4 of (4in x 30ft)
12in	8in	3 of (4in x 30ft)	4 of (4in x 30ft)	5 of (4in x 30ft)
18in	9.5in	6 of (4in x 30ft)	8 of (4in x 30ft)	11 of (4in x 30ft)

Storage Life

2 years if unopened and store in normal dry conditions 60-86°F

Other Technical Documents

Quick Application Guide	Hand application
Safety Data Sheets	Single component
Product Specification Sheet	Technical Performance Information

Health and Safety

Please ensure good practice is observed at all times. Protective gloves, goggles & a disposable coverall must be worn during the mixing and application of this product. Before mixing and applying the material ensure you have read the fully detailed Safety Data Sheet.

Legal Notice:

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