

108 PIPE REPAIR TAPE

Water activated polyurethane pipe bandage
Seal live leaks and off line pipework
Fast curing – fully cured in 60 minutes

Cure Times

At 20°C (68F°) the product will have the following cure times –

Usable Life 2-3 minutes
Touch dry 5 minutes
Machining / light loading 30 mins
Full cure 1 hour

Maximum Heat Resistance

270°C (500°F)

Maximum Service Pressure

12mm thick repair
10 bar – 145PSI
25mm thick repair
27.5 Bar - 400PSI

Chemical Resistance

Citric Acid <10% - Full Resistance
Crude Oil – Full Resistance
Diesel – Full Resistance
Formic Acid – Full Resistance
Zinc Chloride – Full Resistance
Phosphoric Acid <50% – Full Resistance
Potassium Carbonate – Full Resistance

FULL RESISTANCE = CONTINUOUS IMMERSION OR CONTACT

The Correct Bandage Size for Pipe Diameter

Bandage Size	Pipe Nominal Diameter
50mm X 1.8m	>100mm
50mm X 3.6m	>200mm
75mm X 3.6m	>300mm
100mm X 3.6m	>400mm

Easy to apply, requiring no special tools or equipment

Specially woven polyester fabric impregnated with polyurethane resin

Activated by immersion in water
Designed for use for repairs up to 400mm diameter

Can be used on a wide variety of surfaces, including all metals and many types of plastics

Surface Preparation

OFF LINE PIPE REPAIRS

All pressure should be removed from the pipe.

Remove all oil, grease, loose rust scale, sealant tape and paint from the repair area.

Rough score a 10cm (4 inch) patch around the pipe centering on the leak site.

If the pipe is pitted with rust, surfaces must be wire brushed to remove the loose scale.

If the surface is smooth, as with copper or stainless steel, surfaces should be roughened with a coarse file, rasp or saw blade.

For plastic pipe, the external mold release must be removed. Abrade surfaces with coarse grit sandpaper.

A saw blade may also be used to create a crosshatch pattern. This is particularly useful on polypropylene and PVDF piping.

Surface Preparation

LIVE LEAK REPAIRS

Scarify the surface of the pipe with coarse sand paper, rasp, coarse file or saw blade

Ensure as much loose rust scale, oil and grease is removed from the surface of the pipe

If it is not possible to prepare the surface around the leak, ensure you create anchor points as close as possible to the leak.

A saw blade or metal file can be used to create a cross hatch pattern on the surface of the pipe

Health and Safety

OFF LINE REPAIRS

Ensure Goggles, gloves and disposable coverall are used for any offline repairs.

LIVE LEAK REPAIRS

Ensure an appropriate chemical protection suit/ coverall is worn

Goggles, gloves should be worn at all times.

Full face visor must be used for live leak repairs to chemical lines

Shelf Life

Use within 2 years of manufacture date. Store in original sealed containers at temperatures between 5°C (40°F) and 30°C (86°F).

608 PIPE REPAIR TAPE KIT

EMERGENCY REPAIRS

Introduction

Resimac 608 Pipe Repair Kit has been designed to provide all the tools needed to perform emergency repairs to leaking pipes. The repair kit contains various resin based products which when combined ensure leaking pipes are sealed fast and effectively. Whether you want to seal pipes off line or while the system is still online the 605 Pipe Repair Kit will ensure a quick and successful repair

103 METAL REPAIR STICK PUTTY

Epoxy repair putty in stick form, that can be mixed and used to plug cracks and holes in leaking pipes. The product has a usable life of 3 minutes and will be hard dry within 30 minutes



108 PIPE REPAIR TAPE

Woven polyester scrim impregnated With polyurethane resins. When Activated by cold water the resins form a hardened resin finish to the bandage giving a high strength seal around leaking pipe work.



908 AMALGAMATING TAPE

High strength silicon tape which can be Wrapped around leaking pipework to seal Pressure from the repair surface. The tape is supplied in 2 different widths Dependent on the diameter of pipe to be repaired



Kit Selection

>100mm Pipe Diameter

608 Pipe Repair Kit **50mm x 1.8mtr**

Contents

- 3 x (50mm x 1.8mtr) 108 Pipe Repair Tape
- 1 x 52gm 103 Metal Repair Stick Putty
- 1 x (24mm x 3.6mtr) Self Amalgamating Tape
- 6 x vinyl gloves
- 1 x foil sachet

>200mm Pipe Diameter

608 Pipe Repair Kit **50mm x 3.6mtr**

Contents

- 3 x (50mm x 3.6mtr) 108 Pipe Repair Tape
- 1 x 52gm 103 Metal Repair Stick Putty
- 1 x (24mm x 3.6mtr) Self Amalgamating Tape
- 6 x vinyl gloves
- 1 x foil sachet

>300mm Pipe Diameter

608 Pipe Repair Kit **75mm x 3.6mtr**

Contents

- 3 x (75mm x 3.6mtr) 108 Pipe Repair Tape
- 1 x 52gm 103 Metal Repair Stick Putty
- 1 x (48mm x 10.3mtr) Self Amalgamating Tape
- 6 x vinyl gloves
- 1 x foil sachet

>400mm Pipe Diameter

608 Pipe Repair Kit **100mm x 3.6mtr**

Contents

- 3 x (100mm x 3.6mtr) 108 Pipe Repair Tape
- 1 x 52gm 103 Metal Repair Stick Putty
- 1 x (48mm x 10.3mtr) Self Amalgamating Tape
- 6 x vinyl gloves
- 1 x foil sachet

608 PIPE REPAIR TAPE KIT

LIVE LEAK REPAIR



Water leaking out of a steel pipe at 30psi



Silicon amalgamating tape used to stop the pressure around the repair



Wrap the amalgamating tape to the side of the leak. Ensure the tape is wrapped as tightly as possible



Wrap the amalgamating tape over the leak, applying as much pressure and tension on the tape



Once the leak has been stopped, take the 108 pipe repair tape out of the sachet



Using the kit bag supplied, drop the roll into cold water for a maximum 30 seconds and squeeze several times



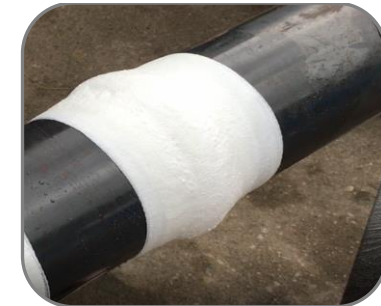
Position the tape over the repair surface, off centre



Wrap the bandage around the pipe several times with as much tension as possible. Ensure you go 50mm to either side of the leak



Wrap the bandage over the leak as many times as possible, building the thickness of the bandage over the hole or crack



Once the bandage has been wrapped round the pipe, massage the resin for several minutes and leave to cure for 60 minutes

608 PIPE REPAIR TAPE KIT OFF LINE LEAK REPAIR



Turn the pressure off on the pipe. Dry the surface and abrade using hand or mechanical tools



Take the 103 Metal Repair Stick out of the kit bag and cut off a section



Mix the 103 Metal Repair Stick putty using gloved hands



Once you have a consistent dark grey mix force the putty into the hole or crack and leave to cure



Take the 108 pipe repair tape out of the sachet



Using the kit bag supplied, drop the roll into cold water for a maximum 30 seconds and squeeze several times



Position the tape over the repair surface, off centre



Wrap the bandage around the pipe several times with as much tension as possible. Ensure you go 50mm to either side of the leak



Wrap the bandage over the leak as many times as possible, building the thickness of the bandage over the hole or crack



Once the bandage has been wrapped round the pipe, massage the resin for several minutes and leave to cure for 60 minutes