



INDUSTRIAL
All-Purpose Pipe Repair Kit

Ideal for a variety of pipes:
PVC, metal, concrete,
galvanised, ceramic, fibreglass,
polyethylene, steel and rubber.

Can be used on:
Wet, dry, clean, broken,
corroded and leaking pipes.

www.fixapipe.com.au

Repair damaged or leaking pipes in minutes





The FIXAPIPE® pipe repair kit is your ultimate solution for the temporary repair of damaged/leaking pipes.

FIXAPIPE is:

- cost-effective
- industrial-strength
- fast and easy to use

Its water-activated, polyurethane-impregnated fibreglass bandage sets hard to provide the temporary repair of damaged, leaking, cracked, broken or corroded pipes - significantly reducing unscheduled downtime.

FIXAPIPE delivers superior adhesion and can be used on a variety of pipes including metal, concrete, galvanised, ceramic, fibreglass, polyethylene, steel, rubber, stainless steel and copper.

FIXAPIPE can be used on wet, dry, clean, broken, corroded and leaking pipes - the FIXAPIPE bandage will even set under water.

The internal spool on a FIXAPIPE bandage makes it even easier to apply around difficult shapes including

- straight lengths,
- tee and elbow joints,
- couplings and clamps

The FIXAPIPE pipe repair kit also includes 54g of FIXAPIPE steel putty. FIXAPIPE steel putty is a hand-mixable, non-rusting, steel-reinforced epoxy putty that can moulded into any shape to fill voids, cracks or holes - forming an industrial-strength polymer compound.

As each stick contains a pre-measured portion of activator and base throughout, no measuring or mixing tools are required.



WHY FIXAPIPE?

Easy to follow instructions are printed on the back of the pack

FIXAPIPE is supplied in sealed, tamper-proof packaging

FIXAPIPE is readily available in five different sizes

What size FIXAPIPE kit do I need?

Pipe Diameter	FIXAPIPE Pack				
	SC7197845 5cm x 3.6m	SC7197846 7.5cm x 3.6m	SC7197847 10cm x 3.6m	SC7197848 10cm x 4.9m	SC7197861 10cm x 9m
5mm - 25mm	•	•	•	•	•
26mm - 50mm		•	•	•	•
51mm - 70mm			•	•	•
71mm - 110mm				•	•
111mm - 200mm					•

Product Code	Size
SC7197845	FIXAPIPE 5cm x 3.6m
SC7197846	FIXAPIPE 7.5cm x 3.6m
SC7197847	FIXAPIPE 10cm x 3.6m
SC7197848	FIXAPIPE 10cm x 4.9m
SC7197861	FIXAPIPE 10cm x 9m

FIXAPIPE PIPE REPAIR KIT IS NOT INTENDED FOR STRUCTURAL USE. NOT RECOMMENDED FOR TEMPERATURES OVER 150°C.



TECHNICAL/PERFORMANCE DATA

Pressure Testing FIXAPIPE Pipe Repair Kit

Proof Pressure Test 300 psi
(110mm PN16 BlueLine Poly Pipe c/w 5mm drilled hole)
Proof Pressure Test 1000 psi
(19mm Class A Copper Pipe c/w 5mm drilled hole)

*Pressure rating varies according to type of pipe and type of damage. For further information regarding additional performance testing on a other pipes, please refer to www.fixapipe.com.au or contact your local distributor.

FIXAPIPE Bandage

Flexural strength (E Modulus) ASTM D790 3000 psi (207 bar)
Tensile strength ASTM D638 3,200 psi (220.6bar)
Dielectric breakdown voltage ASTM D149 16,250 Volts

TYPICAL PROPERTIES

Working time Approx. 3 minutes
Cure time Approx. 30 minutes

50mm PVC pipe - five layers applied.

FIXAPIPE Steel Putty

Shore D hardness 80
Lap shear tensile strength 900 lbs (6.2 MPa)
(On steel 1"x1" x 1/16")
Compressive strength 8,000 psi (55 MPa)
Density 2.2 gm/cm³
Shrinkage <1%
Non-volatile content 100%
Electrical resistance 30,000 megohms
Dielectric strength 300 volts/ mL

Upper temperature limits

Continuous 121°C
Intermittent 149°C

TYPICAL PROPERTIES

Working time 3-5 minutes
Functional cure 60 minutes

*Cure time will be affected by the temperature of the application. Temperatures under 10°C will result in a substantially longer cure time. Temperatures over 25°C will result in a shorter cure time.

Applicable Standards

FIXAPIPE steel putty complies with **AS/NZS 4020:2005** when exposed at area to volume ratios up to 5000mm²/L at 20°C +/- 2°C and is **certified by NSF International to NSF/ANSI Standard 61**.

(Standards refer to use in contact with drinking water)

FIXAPIPE Steel Putty is highly resistant to corrosion or deterioration by diluted acids and caustics. It will withstand the influence of mildly acidic water.

Solvents

Normal temperature exposure to the following solvents has no effect or minor effect on cured epoxy steel putty:

- Alcohols (e.g. methyl, ethyl, isopropyl, butyl)
- Antifreeze
- Cellosolves
- Chlorinated solvents, saturated (limited)
- Ester (e.g. amyl acetate)
- Greases
- Lacquers and lacquer thinner
- Methylene chloride
- Mineral Spirits
- Naphtha
- Natural oils (e.g. linseed, olive, palm)
- Oils and fuels, including diesel oil, fuel oil, gasoline, jet fuel, lubricating oil and silicone oil
- Methylene chloride
- Mineral spirits
- Paint thinner
- Shellac
- Toluene
- Trichloroethane
- Turpentine
- Xylene

Hot temperatures or strongly concentrated exposure to the following solvents has a moderate or severe effect on cured epoxy steel putty. FIXAPIPE is not recommended for use with the following solvents under these conditions:

- Acetone
- Ester (hot)
- Methyl ethyl ketone (MEK)

Caustic Substances

Normal temperature exposure to the following caustics has no effect or minor effect on epoxy steel putty:

- Chlorine bleach (dilute)
- Caustic potash
- Hydrogen peroxide
- Salt solutions, including alum, calcium chloride and salt
- Soap and soap solutions

Hot or strongly concentrated exposure to the following caustics has a moderate or severe effect on cured epoxy steel putty. FIXAPIPE is not recommended for use with the following caustics under these conditions:

- Bromine
- Caustic potash (hot)
- Chlorine
- Chromate solutions
- Hydrogen peroxide (hot)
- Hypochlorite bleach (concentrated or hot)
- Oxidizing agents
- Sodium peroxide
- Soap and soap solutions
- Oleum
- Plating solutions

Acids

Normal temperature exposure to the following diluted acids has no effect or minor effect on cured epoxy steel putty:

- Acetic
- Muriatic
- Nitric

Hot temperatures or strongly concentrated exposure to the following acids has a moderate or severe effect on cured epoxy steel putty. FIXAPIPE is not recommended for use with the following acids under these conditions:

- Acetic
- Aqua regia
- Carbolic
- Muriatic
- Nitric
- Sulfuric

Miscellaneous

The following have no effect or minor effect on cured epoxy steel putty:

- Lard
- Water



INSTRUCTIONS FOR USE

Turn off all valves controlling flow to damaged section of pipe to remove pressure.

Step 1

- Roughen surface of pipe for best results and a stronger seal.
- Remove any loose particles and clean the area to be repaired.

Step 2a

- Cut or twist off required amount of putty.
- Knead putty with fingers until a grey consistent colour is achieved (for best results mix thoroughly).
- For easier mixing, warm putty to room temperature or slightly above.
- Apply within 2 minutes of mixing.

Step 2b

- Force putty into cracks or holes in the damaged area of the pipe. (Putty has 3-5 minutes work life).

Step 3

- Submerge the FIXAPIPE bandage in water for 10-15 seconds, squeezing 2-3 times to ensure it is evenly soaked.

Step 4

- Apply consistent tension.
- Wrap the entire FIXAPIPE bandage over the area to be repaired whilst ensuring a 50% overlap is maintained.
- For best results, a thickness of at least 10mm is required. (Bandage has a 3 minute work life).

Step 5

- Once the entire bandage has been applied, squeeze the bandage by rotating / twisting your hands to obtain a smooth finish.
- Allow at least 30 minutes for the FIXAPIPE bandage to set.

Product instructions for use are also located on reverse of FIXAPIPE package. Refer to pack for further information regarding application.

For further information visit

www.fixapipe.com.au



FIXAPIPE[®]

Product Safety Data Sheet (SDS)
can be downloaded at
www.fixapipe.com.au

Your local stockist

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