

# Pow-R Wrap

Repairs virtually any material:

- Copper
- PVC Pipe
- Rubber
- Galvanised Steel
- Plastics
- Concrete
- Fibreglass



Pow-R Wrap is a fast and easy to use, water-activated fibreglass wrap used for the repair of cracked, split or broken pipes.

Pow-R wrap is a strong, permanent and economical repair, which works on virtually every kind of pipe and hose. The wrap can be used on all fluid bearing pipes and hoses including potable water, steam, air, gas, sewerage and fuel hydraulics.

It's an easy alternative to traditional methods such as cementing, soldering, welding, sleeving or full pipe replacement. The wrap will work on wet, dry, clean, dirty or corroded pipes, and even under water (salt or fresh) and can be sanded and painted if desired.

Easy to fit, no tools needed, just add water.

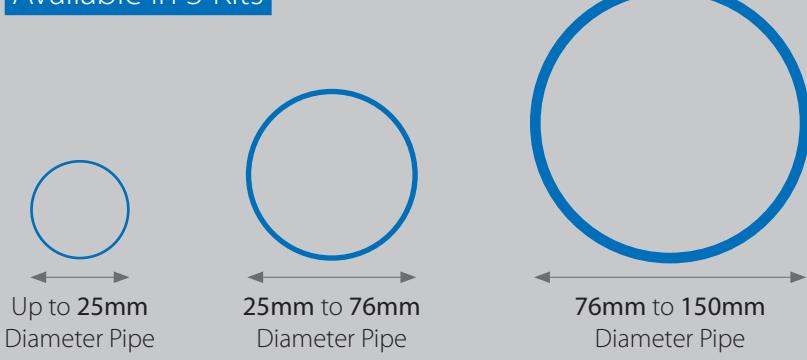




Product Code	FPWXXX
Description	Fernco Pow-R Wrap
Size Range	25-150mm
Material	Resin impregnated fibreglass tape Epoxy putting Latex gloves
Heat Resistance	Up to 218°C / 425°F
Pressure Rating	Up to 40 bar, 580psi
Toxicity	Contains no harmful solvents. Suitable for potable water and food service lines.
Chemical Resistance	Pow-R Wrap is chemically resistant to diesel fuel, petroleum products, halocarbon and alcohols (once cured).
Standards	EPA Approved

Product Code	Application Pipe Sizes	Fibreglass Wrap Size (mm)
<b>FPW25</b>	Up to 25mm diameter	50 x 1200
<b>FPW80</b>	25-76mm diameter	76 x 3350
<b>FPW150</b>	76-150mm diameter	100 x 6400

Available in 3 Kits



#### Contents

- Resin impregnated fibreglass tape in foil bag which is activated by water
- Pre-measured epoxy putty
- 1 pair of protective gloves
- Complete usage instructions

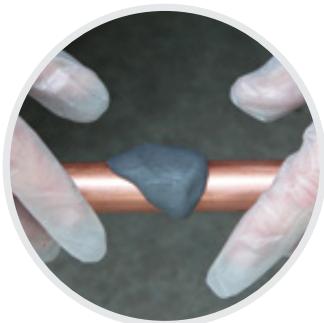


#### Repair Time

Depending on the size, all repairs will take less than 1 hour from preparation to the end result:

- Preparation approximately 5 -10 min
- Installation approximately 15 min
- Cure time 30 min

# Installation



## Preparation

1. Remove all pressure from the damaged section of pipe before attempting your repair
2. Remove any oil, grease, loose rust scale, sealant tape, paint or hardware from the area to be repaired. If applying to PE/PP pipe, the surface must be abraded.
3. Put on latex gloves (gloves go on best when hands are dry).



## Installation

4. Knead the epoxy putty to a uniform colour (consistently grey in colour). The putty will begin to warm as consistency is achieved.
5. Apply the kneaded putty into the repair area, tapering the putty onto the pipe. The putty should be in place before hardening occurs (usually 2 minutes). If making your repair while submerged in fluids, work the putty into the repair area and hold it in place until adhesion begins.
6. Wrap **MUST** be applied before epoxy putty hardens. Immediately open the and pour water into the foil pouch containing the Pow-R Wrap. To ensure water is distributed into all portions of the tape, squeeze the tape while submerged in the water for 20-30 seconds.
7. Begin wrapping the tape on the opposite side of the damaged area, keeping tension applied to the tape at all times. Continue to wrap the tape, moving back and forth along the pipe until 50mm has been applied on either side of the damaged area and at least 8 to 10 layers directly over the damaged area.
8. Once all tape has been applied to the pipe, squeeze the tape firmly, and keep rotating the tape to maintain tension whilst curing.



## Cure

9. As the resin begins to cure, swelling and bubbling will occur. This curing process will cause the tape to unwrap. **You must continue step 8 for approximately 15 minutes to prevent unwrapping.** As curing is nearing completion, the tape will become very sticky and hold itself in place without unwrapping.
10. The repair will be fully cured in approximately 30 minutes. Curing time will be longer in dry climates or cold temperatures.
11. Any necessary clean-up can be done at this time using alcohol or acetone.
12. After final cure, the repaired area can be sanded and painted if desired.



**CAUTION:** Use enclosed protective gloves; avoid contact with eyes, skin or clothing. May cause skin irritation. In case of contact with eyes, flush immediately with water and get medical attention. Keep out of reach of children.

# General Information

## Quality, Standards and Approvals

Fernco has been certified by the British Standards Institution (BSI) as a company of assessed capability, with a quality management system which meets the requirements of BS EN ISO 9001:2015

Fernco UK, part of a global group of companies, are the leaders in wastewater connection innovation; utilising the most advanced methods and techniques for precision-manufactured products, all of which comply with or exceed relevant British and European standards to ensure reliability and sustainability.

## Environment

Fernco operate Environmental Management Systems which are certified to ISO 14001: 2015.

## Supply

Fernco are proud members of the Builders Merchants Federation (BMF). All Fernco products are supplied through a national and global network of distribution and merchant partners. For stockist details, contact Fernco.

## Technical Support

Fernco have a team of product experts on hand to support all customers with technical support and advice.

Contact Fernco Technical Department:

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