INSTRUCTIONS FOR POWER WRAP

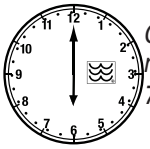
Pow-r Wrap is a strong , permanent and economical repair. Works on virtually every kind of pipe. An easy alternative to traditional methods such as cementing, soldering, welding , sleeving and replacement. Works on wet, dry, clean, dirty or corroded pipes. Even under water !!

Pow-r Wrap is ideal for all fluid bearing pipes and hoses :

- *Water*
- *Steam*
- *Air*
- *Gas*
- *Sewage*
- *Fuel*
- *Hydraulics*

and is recommended for structural repairs to :

- *Brackets*
- *Fencing*
- *Support*
- *Exhausts & Mufflers*
- *Tools*



Cures in 30 minutes at 70º F/21º C

EPA APPROVED

Even meets EPA requirements for drinking water

POW-R Wrap

Complete Pre-Mixed
Pre- Measured
Ready -to-use-kit !

EACH KIT CONTAINS :

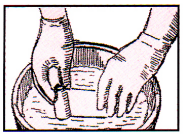
- *Resin-impregnated fiberglass tape in foil bag*
- *POW-R PLUG repair patch*
- *1 pair protective gloves*
- *Full instructions*

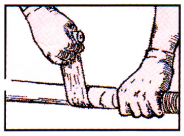
Recommended Sizes

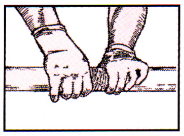
Pipe Diameter	SIZE	P/N NO#
1/4" - 6 mm	1" x 30" - 25 x 750 mm	1630130
1/2" - 13 mm	1" x 30" - 25 x 750 mm	1630130
5/8" - 16 mm	2" x 30" - 50 x 750 mm	1630230
3/4" - 19 mm	2" x 30" - 50 x 750 mm	1630230
1" - 25 mm	2" x 60" - 50 x 1500 mm	1630260
2" - 60 mm	3" x 108" - 75 x 2700 mm	1633108
4" - 100 mm	3" x 108" - 75 x 2700 mm	1633108
6" - 150 mm	4" x 180" - 100 x 4500 mm	1634180
8" - 200mm	4" x 360" - 100 x 9000 mm	1634360

Ensures a minimum of 8 complete wraps for high pressure applications (300 psi and over). for pipe not under pressure, i.e. stormwater, downpipes, etc., a smaller size may be used (minimum of 6 complete wraps)

Easy to follow Steps







1. *Remove all pressure from damaged section of pipe before attempting repair.*
2. *Remove all oil, grease, loose rust scale, sealant tape, paint and hardware from the area to be repaired.*
3. *Put on latex gloves provided. (Gloves go on best when hands are dry.)*
4. *Remove putty from kit. Twist/Cut/Break off enough putty to fill repair area void and overlap onto pipe.*
5. *Knead putty to a uniform color(Consistent gray color free from black specs).*
6. *Apply kneaded putty into repair area tapering putty onto piping. Putty repair should be in place before hardening begins (usually 2 minutes). If making repair while submerged in fluid, work putty into repair area and hold until adhesion begins.*
7. *Open foil pouch, (i) remove tape and drop in pail of water or (ii) pour water directly into the foil pouch. To ensure water is distributed to all portions of the tape, squeeze the tape for at least 20 - 30 seconds. If using the pouch to wet tape, allow at least 1 minute to soak tape.*
8. *Starting on the opposite side of the break, begin to wrap the tape, keeping tension applied to the tape at all times. Continue to wrap the tape, moving from left to right until the leaking area has tape applied 2 inches (5 cm) on either side, and has at least 8 to 10 layers directly over the leak. (Use all tape in package as tape cannot be saved for future use once the foil pouch has been opened).*
9. *Once all tape has been applied to leak, grab the taped area, squeezing firmly, and rotate your hand in direction in which the pipe was wrapped. This causes all bottom layers of tape to tighten in case any of the bottom layers have become loose.*
10. *As the resin begins to cure bubbling will occur. This curing along with some swelling of the resins will give the tape a tendancy to unwrap. You Must Maintain Pressure to Prevent Unwrapping. Continue to apply pressure in the direction of the wrap until the curing process has advanced enough to hold itself in place, the tape will become very sticky. At room temperature the wrapping part of your repair should take between 12-15 minutes.*
11. *Allow 30-40 minutes for the final curing to occur. It will take resins longer at colder temperatures. (Not exceeding 24 hours in sub-zero temperatures.)*
12. *Clean up can be done at this time using alcohol or acetone.*
13. *After final cure has occurred, tape can be sanded and painted for final appearance if desired.*