

## Corrosion Repair System

- ✓ Remediate & Reinforce Pipes
- ✓ Corrosion Barrier & Isolator
- ✓ Applicable on Wet & Dry Surfaces
- ✓ Durable, Strong & Permanent
- ✓ Cost Effective
- ✓ Restore Pipe to Original Strength



Tee-Joint Repair



Flange Repair



Elbow Repair



Valve Repair

Wrap Seal PLUS™ is an advanced high strength piping remediation wrap consisting of propriety glass fibre reinforcement fabric factory impregnated with durable, moisture cured polyurethane (MCU) resin.

Wrap Seal PLUS™ offers complete non-intrusive piping remediation, repair, reinforcement, and/or complete hoop strength replacement to any size piping, constructed of any material in any shape or configuration including elbows, manifolds, tees, reducers or bends.

Wrap Seal PLUS™ is an efficient, economical, simple to use alternative to sleeves, welding or replacement. Chemical resistant, non-conductive and temperature resistant.

Wrap Seal PLUS™ is a proven product successfully used in numerous varied applications worldwide.

### Application Procedures

- 1** Prepare pipe surface to near white metal. (Alternate surface preparations to clean and roughen pipe may sometimes be used.)
- 2** Apply Wrap Seal PLUS™ resin & activator according to instructions, over prepared surface
- 3** Apply Wrap Seal PLUS™ fiberglass repair tape over the cured activated resin
- 4** Wrap a layer, spray with water and repeat until area is covered.
- 5** Stricture wrap to bind and tighten until cured.



Application of the wrap requires no special tools and can be applied on wet or dry surfaces, and completely under water. Proper evaluation and installation assures an accurate calculable hoop strength, a complete fit-up integrity and conformity between the reinforcing wrap and the pipe.

## Technical Information

<b>Operating Temperature</b>	-65°C to 200°C after cure
<b>Bonds to all pipes</b>	Galvanised Steel, Copper, Stainless Steel, Carbon Steel, PVC, Cast-iron, Fibreglass, Concrete, Polyethylene
<b>Tensile Modulus (ASTM D 3039)</b>	3.8 x 10 <sup>6</sup> PSI
<b>Tensile Strength (ASTM D 3039)</b>	65 000 PSI
<b>Flexural Modulus (ASTM D 695)</b>	3.6 x 10 <sup>6</sup> PSI
<b>Flexural Strength (ASTM D 695)</b>	53 100 PSI
<b>Ply Thickness</b>	11 mills (0.011 inches)
<b>Compressive Strenght (ASTM D 695)</b>	28 500 PSI
<b>Dielectric Strenght</b>	Non-conductive when cured (16 000 volts)
<b>Working Time</b>	20 - 30 minutes, temperature dependent
<b>Hardness</b>	85 shore D nominal
<b>Load per ply per inch or width</b>	750 pounds
<b>Load per ply for 20 yrs + life designs</b>	425 pounds

<b>Chemical Resistance (40 Days Test Period)</b>	Hydrochloric Acid, MEK, Diesel, Ethylene Glycol, Ammonia, Acetone Crude Oil, Toluene, Ethyl Alcohol, Gasoline, Black Liqour, Xylenes, Sulphuric Acid
<b>Cure Time</b>	30 minutes at 30°C
<b>Shelf Life</b>	1 year if stored below 30°C and aluminum foil pouch not punctured. Rotate stock for best results. Storage at higher temperature reduces shelf life. Do not use if product is hardened.

### Product Information

Wrap Seal PLUS™ Corrosion Repair System is a combination of:

- Wrap Seal PLUS™ Resin & Activator
- Wrap Seal PLUS™ fiberglass repair tape

Wrap SealPLUS™ Resin & Activator consists of:

- (a) 01 can of Wrap Seal PLUS™ Resin
- (b) 01 bottle of Wrap Seal PLUS™ Activator

Wrap Seal PLUS™ fiberglass repair tapes are available in the following sizes:

- 2" x 12'
- 4" x 12'
- 4" x 20'
- 4" x 30'
- 6" x 20'
- 6" x 30'

Contact your local distributor at:

### SealXpert Products

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