



Quick Repair Kit For Pipe Leaks

- ✓ Repairs Under Active Leak
- ✓ Repairs Leak in 30 minutes
- ✓ Works on Any Metal or Plastic Pipes
- ✓ Withstand Pressure up to 400PSI
- ✓ Withstand Temperature up to 200°C
- ✓ Safe for Drinking Water and Resistance to Most Chemicals
- ✓ Ideal for Pipe Reinforcement & Corrosion Protection



Tee-Joint Repair



Flange Repair



Elbow Repair



Valve Thread Repair

Wrap Seal™ applies to:

- Any pipes
 - Steel • Copper • Aluminum • Galvanised • Black Iron • Stainless Steel • PVC • CPVC • Fiberglass • Polyethylene • Polypropylene
- Pressure up to 400 PSI
- Temperature up to 200°C
- Pipe Diameters up to 18"
- Liquid or Gas pipelines
- Permanent Repair or Extend Service Life of Pipes

Wrap Seal™ is used for:

- Pipe Repairs
 - Offline Repairs • Active Leaks • Sealing Joints • Hazardous Material Spill Control • Reinforce Thinning Walls • Corrosion Control & Protection
- Abrasion Protection
- Structural Reinforcement
- Repairs in Hard to Reach Areas
- Underwater Repairs
- Electrical conduit/ cable repairs

Wrap Seal™ is used in:

- Many industries
 - Oil & Gas • Petrochemical • Offshore • Chemical • Marine • Power Generation • Building & Facilities Management • Water Distribution • Wastewater • Manufacturing Plants • Industrial Processing • Electronics • Pharmaceutical • Pulp & Paper • Military • Irrigation • Food Processing
- Pipes Containing
 - Water (Drinking water, Wastewater, Steam)
 - Acids (Hydrochloric, Sulfuric, Nitric, Phosphoric)
 - Alkalis (Ammonia, Potassium, Sodium Hydroxide)
 - Hydrocarbons (Benzene, Gasoline, Kerosene, Toluene, Xylene)
 - Fuel • Solvents • Chemical • Gases • Bases • Slurries • Organics • Salts

Application Procedures



• Leaking Pipe



• Wrapping the leak area with WRAP SEAL™



• Polishing the repaired area



• Repaired area does not fail under impact test

Technical Information

Application Time	3 to 5 minutes at ambient temperature 10°C to 30°C (50°F to 80°F)	Chemical Resistance (40 Days Test Period)	Water (Drinking water, waste water, steam) Solvents (Acetone, Toluene, MEK, Ethyl Alcohol) Acids (Hydrochloric acid, Sulfuric acid) Chemical (Ethylene Glycol, Xylenes, Ammonia) Hydrocarbons, Bases, Slurries, Fuels (Petroleum, Diesels, Gasoline) Gases (LNG, LPG) Organic Salts
Types of Pipes Applicable	Galvanised Steel, Copper, Stainless Steel, Carbon Steel, PVC, Cast-iron, Fibreglass, Concrete, Polypropylene, Aluminium, Polyethylene, Lead	<small>Note: Durability of repair may be affected by very strong acid (pH value less than 3) or bases (pH value greater than 12). Please consult chemical compatibility chart.</small>	
Pressure Tested (ASTM D 1599)	1/2" steel pipe with 1/8" hole when wrapped with WRAP SEAL™ without SEAL STIC™ withstands 1500 PSI 1/2" steel pipe with 1/8" hole when wrapped with WRAP SEAL™ with SEAL STIC™ withstands 4000 PSI 1/2" steel pipe with 1/2" hole when wrapped with WRAP SEAL™ without SEAL STIC™ withstands 600 PSI	Application Temperature	From -29°C (-20°F) up to 121°C (250°F) – continuous. From 121°C (250°F) to 320°C (570°F) – intermittent.
<small>(Test temperature at 25°C, mode of failure – leak); Test results may vary depending on applications</small>		Max Pressure	Recommended for pressure up to 400 PSI (28kg/cm ²). Results vary depending on pipe size, type of pipe, hole size, pipe content and method of application
Tensile Strength (ASTM D 688-111)	3920 PSI (275 kg/cm ²)	Cure Time	30 minutes at temperature between 10°C to 40°C (50°F to 80°F). Heat may be applied to decrease cure time. Unopened foil pouch may be immerse in cold water at least 15 minutes prior to repair to add working and cure time
Bond Strength (ASTM D 2095-72)	230 PSI (16 kg/cm ²)	Shelf Life	2 years when stored between 5°C to 30°C (40°F to 86°F) 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.
Tensile Elongation (ASTM D 638)	1.2% ± 0.7%	Colour	Black or White
Compression Strength (ASTM D 695)	13 750 ± 530 PSI	Roll Size	2" x 4' (5cm x 1.2m) 2" x 12' (5cm x 3.6m) 4" x 12' (10cm x 3.6m)
Yield Strength (ASTM D 790-1-B)	2260 PSI (159 kg/cm ²)		
Cured Hardness	82 type (d)		



Wrap Seal™ Pipe Repair Kit

Each kit consists of:

- One roll of fiberglass tape coated with polyurethane resins
- One unit of **Seal Stic™** hand moldable epoxy
- One pair of latex gloves
- Operating instructions for installation

Contact your local distributor at:



Q16 Greenogue Business Park,
Rathcoole,
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