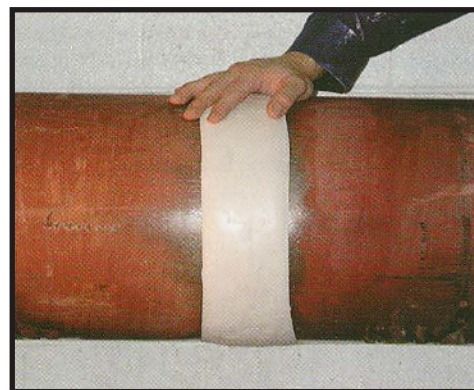
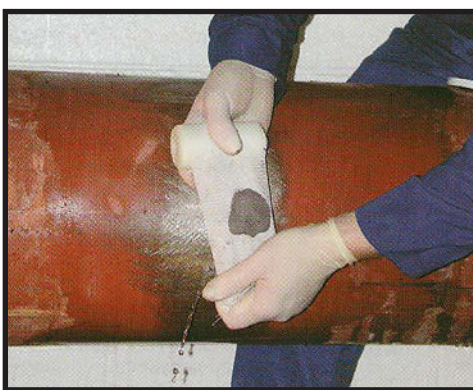




PIPE REPAIR SYSTEM



Use for Permanent Repair *or* to Extend the Service Life of Piping



works on:

Any metal or plastic pipe:
 Steel • Copper • Aluminum • Galvanized
 Black Iron • Stainless Steel • PVC
 CPVC • Fiberglass • Polyethylene
 Polypropylene and even PVDF.
Pressure to 400 PSI
Temperatures to 500° F
Recommended for use on pipes
up to 18 inches in diameter.



is used for:

Routine and Emergency Leak Repair
 Hazardous Material Spill Control
 Structural Reinforcement • Sealing Joints
 Rebuilding Thinning Wall
 Corrosion Proofing • Abrasion Protection
 Repairs in Hard to Reach Areas
 Underwater Repairs
 Electrical Conduit Repair



is used by:

Petrochemical • Industrial Processing
 Pulp and Paper • HazMat Response
 Military • Marine • Irrigation
 Power Generation • Facilities Maintenance
 Water/Wastewater • Manufacturing
 Commercial Fishing
 Food Processing • Pharmaceutical
 Automotive



STOP IT® PIPE REPAIR SYSTEM

Each kit includes:

- STOP IT® knitted fiberglass tape pre-coated with water-activated polyurethane resins.
- FIX STIX™ hand moldable epoxy.*
- Gloves for easy clean up.
- Detailed directions.

*Included FIX STIX™ hand moldable epoxy is resistant to hydrocarbons and most chemicals and is NSF certified for use on potable water.

FIX STIX™



Certified to
ANSI/NSF 61



STOP IT® PIPE REPAIR SYSTEM GETS THE JOB DONE TIME AFTER TIME SINCE 1986!

Ideal for repairing pipe leaks, reinforcing pipe joints, rebuilding thinning pipe walls and corrosion proofing – in virtually any situation, **even underwater!** It fully cures to a hard, durable repair in 30 minutes.

The **STOP IT® Pipe Repair System** includes a strong knitted fiberglass tape coated with fast setting urethane resins that are water-activated. The system also includes **FIX STIX™**, a steel-filled hand-moldable epoxy that sets rock hard in only 20 minutes. It is perfect for plugging leaks, filling cracks and complex voids and offsets at couplings and fittings.

Using the **STOP IT®** urethane rich fiberglass tape in combination with **FIX STIX™** greatly increases repair capacity. One person, with no special tools and no hot work can apply this quick in-field repair system in minutes.

Whether you are repairing a chemical process line or any other critical pipeline, the **STOP IT® Pipe Repair System** is your dollar-saving ally in the battle against lost-production costs in common situations. Under certain conditions an active gravity-flow leak (about 15 PSI or less) from a pinhole may be repaired without shutting down.

STOP IT® PIPE REPAIR SYSTEM - TECHNICAL INFORMATION

Compatibility and Chemical Resistance: The STOP IT® Pipe Repair tape combined with FIX STIX™ epoxy is generally compatible with a wide range of chemicals and may be used with any type of plastic or metal piping containing:

- Hydrocarbons including Petrochemicals, Fuels, Solvents, Gases
- Acids
- Bases
- Water
- Slurries
- Steam
- Organics
- Salts

The durability of the repair may be affected by very strong acids (pH under 3) or bases (pH over 12). Consult the STOP IT® Pipe Repair System and the FIX STIX™ Chemical Compatibility Charts for more detailed chemical resistance information.

Potable Water: The FIX STIX™ included in each STOP IT® Pipe Repair System kit is NSF certified for use on potable water. STOP IT® is also accepted for use on potable water lines by the WRC (U.K.)

Shelf Life: 2 years from date of purchase when stored at 40°F to 83°F with proper stock rotation.

Color: White or Black.

Tensile Strength: ASTM D 638-111, 3,920 PSI.

Flexural Yield Strength: ASTM D 790-1-B, 2,260 PSI.

Durometer Hardness: ASTM D 2240, 65 type (d).

Tension Pull Strength: Applying 2" x 12' STOP IT® to a 2 inch PVC pipe coupling provides an average increase of 2,132 pounds in pull-out strength. Tension pull strength will vary with type of pipe, pipe diameter and amount of product applied.

Temperature/Heat Resistance:

From -20° F up to 250° F - continuous.

From 250° F to 500° F - intermittent.

If possible, the pipe should be at ambient temperature before application.

Pressure Retention Capacity: Recommended for pressures up to about 400 PSI (28 kg/cm²). Results may vary depending on hole size, type of pipe, pipe diameter, contents of pipe and method of application.

Set Time: Tack free in 3 to 5 minutes at ambient temperatures of 50°F-80°F. Set time is slower below 50°F and faster above 80° F.

Cure Time: Normally cures in 30 minutes at ambient temperatures between 50° F to 80° F. Longer cure times may occur when ambient temperature is less than 50° F. Heat may be applied to accelerate cure times. Cure time is greatly accelerated at extremely high ambient or pipe surface temperatures. The UNOPENED foil pouch may be immersed in cool water for at least 15 minutes to slow set and cure times and to provide ease of handling.

Description: Each STOP IT® Pipe Repair System kit contains a roll of knitted fiberglass tape pre-coated with water activated polyurethane resins enclosed in a sealed foil pouch, a piece of FIX STIX™ epoxy, latex gloves and printed instructions.

Roll Sizes:

- Small: 2 inches wide by 4 feet long.
- Medium: 2 inches wide by 12 feet long.
- Large: 4 inches wide by 12 feet long.
- Extra Large: 4 inches wide by 25 feet long.

Case Content: Ten (10) kits.

Case Weight:

- Small: approximately 4 pounds.
- Medium: approximately 6 pounds.
- Large: approximately 8 pounds.
- Extra Large: approximately 14 pounds.

Item and NSN Numbers:

- Small: White 24786, NSN 4730-01-301-3686, Black 24257.
- Medium: White 21278, NSN 4730-01-301-3687, Black 21225.
- Large: White 41278, NSN 4730-01-301-3688, Black 41225.
- Extra Large: White 42567, NSN 4730-01-301-3689.

STOP IT® does not contain any Volatile Organic Compound (VOC) as defined in the USA for regulatory purposes.

(ASTM used as a guideline.)



Unconventional Solutions, Inc.
Partnering with Your Industry to Repair - Protect - Upgrade
MI HQ 248.735.7000 | www.USIgroups.com



FIX STIX™



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