

STOP-IT® Pipe Repair System

DESCRIPTION

Stop-It® Pipe Repair System is a fast curing, in-field composite pipe repair system, ideal for repairing leaks, reinforcing joints, rebuilding wall strength and corrosion proofing – in virtually any situation, even underwater!

The Stop-It Pipe Repair System includes a strong fiberglass knitted tape, precoated with fast setting water-activated urethane resins and FIX STIX™, a steel filled hand moldable epoxy.

Stop-It can be installed by one person with no special tools or hot work, and provides for quick, in-field repairs, returning lines to operation in as little as 30 minutes. Under certain conditions, active leaks (about 50 PSI or less) from a pinhole may be repaired without shutting down.

Restore product and profit flow in minutes, and prevent environmental contamination!



WORKS ON (Any Metal or Plastic Pipe)

- Steel
- Copper
- Aluminum
- Galvanized
- Black Iron
- Stainless Steel
- Variety of Polymers
- Pressure to 400 PSI
- Sustained temperatures to 250°F
- Pipes up to 36in in diameter

USED FOR

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

USED BY

- Petrochemical
- Industrial Processing
- Pulp and Paper
- HazMat Response
- Pharmaceutical
- Petrochemical
- Industrial Processing
- Pulp and Paper
- HazMat Response
- Pharmaceutical
- Petrochemical
- Industrial Processing
- Pulp and Paper
- HazMat Response
- Pharmaceutical

STOP-IT KIT CONTENTS

- Stop-It knitted fiberglass tape with water-activated polyurethane resins
- FIX STIX™ hand-moldable epoxy
- Gloves for easy clean-up
- Detailed instructions

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, and 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 an approved for use on potable water lines by WRAS (U.K.).

SHELF LIFE

2 years from date of purchase when stored at 40°F to 83°F (5°C to 28°C) with proper stock rotation.

TEMPERATURE/HEAT RESISTANCE

From -20°F up to 250°F (-29°C to 121°C) – continuous. From 250°F to 500° F (121° C to 260°C) – temporary exposures. If possible, the pipe should be at ambient temperature before application. Stop-It is compliant with US DOT 49CFR parts 192 and 195. Testing was performed under the guidelines of ASME PCC-2, Article 4.1.

PRESSURE RETENTION CAPACITY

Recommended for pressures up to 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 to 80°F (10°C to 27°C). 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 (10°C to 27°C). Longer cure times may occur when ambient temperature is less than 50°F (10°C). 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.

TECHNICAL INFORMATION

Color	White or black
Tensile Strength	23,950 PSI/in width/172 MPa (ASTM D 3039)
Modulus	62,505 PSI/4309 MPa (ASTM D3039)
Flexural Yield Strength	12,005 PSI/82.77 MPa ASTM 790
Durometer Hardness	63 Shore D (ASTM D 2240)

ROLL SIZES

Small	2" x 4'/5.08cm x 1.2m	4lbs (1.8kg)
Medium	2" x 12'/5.08cm x 3.6m	6lbs (2.7kg)
Large	4" x 12'/10.16cm x 3.6m	8lbs (3.6kg)
X-Large	4" x 25'/10.16cm x 7.62m	14lbs (6.3kg)

PHOTOS
