

# Stop It<sup>®</sup> Pipe Repair System

by InduMar Products, Inc.

**The STOP IT<sup>®</sup> 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<sup>®</sup> Pipe Repair System includes a strong fiberglass knitted tape, precoated with fast setting water-activated urethane resins and FIX STIX<sup>™</sup>, a steel filled hand moldable epoxy.

STOP IT<sup>®</sup> 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.

**STOP IT<sup>®</sup> works on:** Any metal or plastic pipe: Steel, copper, aluminum, galvanized, black iron, stainless steel, and a wide variety of polymers. Use of Stop It<sup>®</sup> Adhesion Promoter 125 (sold separately) is required for applications on fiberglass, polyethylene, polypropylene, and PVDF, and recommended on PVC and CPVC. • Pressure to 400 PSI • Sustained temperatures to 250°F • Recommended for use on pipes up to 36 inches in diameter (contact InduMar for applications involving diameters >18 inches)

**STOP IT<sup>®</sup> 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

**STOP IT<sup>®</sup> 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<sup>®</sup> PIPE REPAIR SYSTEM

### Kit Contents:

- STOP IT<sup>®</sup> knitted fiberglass tape with water-activated polyurethane resins
- FIX STIX<sup>™</sup> hand-moldable epoxy\*
- Gloves for easy clean-up
- Detailed instructions



\* Included FIX STIX<sup>™</sup> is resistant to Hydrocarbons and most chemicals and is NSF certified for use on potable water.

**Whether you are repairing a chemical process line or any other critical pipeline, the STOP IT<sup>®</sup> Pipe Repair System is your dollar-saving ally in the battle against lost-production costs in common situations.**

**Restore Product Flow and Profit Flow in Minutes!**  
**Prevent Environmental Contamination!**



## 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 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.

**Color:** White or Black.

**Tensile Strength:** 24,950 PSI / in width/172 MPa (ASTM D 3039).

**Modulus:** 62,505 PSI / 4309 MPa (ASTM D 3039).

**Flexural Yield Strength:** 12,005 PSI / 82.77 MPa ASTM 790.

**Durometer Hardness:** 63 Shore D (ASTM D 2240).

## Ordering Information

Part Number: White/Black	Stop It Pipe Repair System Size Packaged 10 per ctn	Weight Lbs/Kgs
24786/24257	2" x 4'/5.08cm x 1.2m	4/1.8
21278/21225	2" x 12'/5.08cm x 3.6m	6/2.7
41278/41225	4" x 12'/10.16cm x 3.6m	8/3.6
42578/42525	4" x 25'/10.16cm x 7.62m	14/6.3

## Military/NSN Information

InduMar's Cage Code Number: ØDMC6 National Stock Numbers (NSN):
4730-01-301-3686 – 2" x 4' Stop It®
4730-01-301-3687 – 2" x 12' Stop It®
4730-01-301-3688 – 4" x 12' Stop It®
4730-01-600-0273 – 4" x 25' Stop It®

**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/cm<sup>2</sup>). 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.

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

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



Certified to ANSI/NSF 61

