



Since 1986 InduMar Products, Inc. has provided unique solutions to leaking pipe repair that have won international acceptance.

Industries benefiting from InduMar's solutions: Refinery/ Petrochemical, Offshore Oil & Gas Production, Commercial Marine, Mining, Power, Pulp & Paper, Water/Wastewater.

Lost time equals lost money – InduMar's solutions get you back online quickly and safely.

Our Product Line



STOP IT® PIPE REPAIR SYSTEM

Repair, Rehabilitate & Respond to Leaking Pipes & Fittings



STOP IT® HP™ | STOP IT® FLAT PATCH

Leak Repair & Rehabilitation of High Pressure Piping Systems



VISCOTAQ®

The Ultimate Visco-Elastic Pipeline Coating



FIX STIX™ | FUSION TAPE™ STOP IT® PIPE REPAIR & PATCH CLAMPS



STOP IT® EMERGENCY LEAK CONTROL KITS

HazMat Response for Pipes, Tanks, Drums & Vessels

STOP IT® Pipe Repair System

The STOP IT® Pipe Repair System restores product flow and profit flow in minutes. Ideal for repairing pipe leaks, reinforcing pipe joints, rebuilding thinning pipe walls and corrosion proofing in virtually any situation – even underwater! It 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.



The STOP IT® tape easily conforms to the pipe surface or complex parts and produces a hard protective coating. FIX STIX™ is perfect for plugging leaks, filling cracks and complex voids and offsets at couplings and fittings on any metal or plastic pipe. Using FIX STIX™ in combination with the STOP IT® urethane rich fiberglass tape 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 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.

Compatibility and Chemical Resistance

The STOP IT® Pipe Repair tape combined with FIX STIX™ epoxy is 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



STOP IT® is compliant with US DOT 49CFR parts 192 and 195. Testing was performed under the ASME PCC-2 Article for ASME B31.1, B31.4 and B31.8

Technical Specifications

Shelf Life: 2 years from date of purchase

Pressure Retention Capacity: Recommended for pressures up to 400 psi (28 kg/cm², 27 bar)

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) – intermittent

Set Time: Tack free in 3 to 5 minutes at ambient temperatures of 50 °F to 80 °F (10 °C to 27 °C)

Cure Time: Cures in 30 minutes at temperatures between 50 °F to 80 °F (10 °C to 27 °C)

Tensile Strength: ASTM D 6039, 24,950psi/in width 172MPa

Tensile Modulus: ASTM D 3039, 62,505psi 430.96MPa

Flexural Yield Strength: ASTM D790, 12,005psi/82.77MPa

Durometer Hardness: ASTM D 2240 63 Type D

Each STOP IT® Pipe Repair System

Kit Includes:

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

Packaged 10/Case:

2" x 4', 12' (5.08 cm x 1.2 m, 3.6 m)

4" x 12', 25' (10.16 cm x 3.6 m, 7.62 m)

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

STOP IT® HP™ | STOP IT® FLAT PATCH

by InduMar Systems, LP, a Division of InduMar Products, Inc.

STOP IT® HP™ and STOP IT® FLAT PATCH are multi-component, epoxy composite repair systems designed for pressure sealing applications. Use STOP IT® HP™ in cylindrical applications up to 2,000 PSI and STOP IT® FLAT PATCH for localized leaks up to 1,000 PSI.



STOP IT® HP™

STOP IT® HP™ utilizes a premeasured wet epoxy system combined with high-performance fabrics to provide superior leak sealing capacity with strong interfacial bonding. STOP IT® HP™ repair applications to high pressure process piping may be completed in as little as 4 hours, and forms a durable coating that will not shatter or crack under extreme operating conditions.

STOP IT® HP™ comes in a kit with all of the necessary components for field installation, requires no special training, and involves minimal surface preparation. Standard STOP IT® HP™ repair kits up to 4" diameter pipes are available.

STOP IT® HP™ has been subjected to intensive testing and complies with US DOT 49CFR parts 192 and 195, and recommended for high pressure applications up to 2,000 PSI (140 kg/cm²) with a built in 5:1 safety margin.

STOPIT HP™ is compliant with US DOT 49CFR parts 192 and 195. Testing was performed under the ASME PCC-2 Article for ASME B31.1, B31.4 and B31.8



STOP IT® Flat Patch

STOP IT® Flat Patch is an epoxy composite leak repair system designed for applications where localized repair is needed or full pipe wraps are impractical. The repair quickly and safely restores operations up to 1,000 PSI (70 kg/cm²).

STOP IT® Flat Patch utilizes STOP IT® HP™'s formulated resin in conjunction with high strength carbon fiber to create a durable repair that can be made regardless of surface orientation. Flat Patch applications are ideal for spot leak repairs on large diameter pipes, tanks, valve bodies, hard to access areas, and other flat surfaces.

STOP IT® Flat Patch standard kit sizes are available as 4" x 4" and 6" x 6" repair patches; custom repair sizes available.

Compatibility and Chemical Resistance

STOP IT® HP™ and STOP IT® Flat Patch are recommended for pressure sealing applications involving most categories of chemicals and hydrocarbons.

Extended chemical resistance data are available upon request. End users are encouraged to verify specific resistances before application.

Property	Rating
Inorganic Acids	Excellent
Bases	Good
Chlorinated Solvents	Fair
Organics (except some acids)	Not recommended

Technical Specifications

Shelf Life: 6 months from date of purchase when stored at 40 °F to 83 °F (5 °C to 28 °C)

Color: Fiber – yellow or black (other options available)

Mixing Ratio: As supplied, dual cartridge dispenser with static mixer.

Pot Life: 8 minutes at 72 °F (22 °C), after mixing for films less than 1/2" thick.

Glass Transition Temperature: 216 °F (102 °C), cured.

Cure Time: ~ 4 hours at 72 °F (22 °C), at 1/8" film thickness. 1 hour at 178°F (81°C) at 1/8" film thickness requires optional heat-assisted clamp assembly.

Sealant Viscosity: Gel-like before cure.

Pressure Limitation:

HP™: Pressures to 2,000 psi (140 kg/cm², 137 bar)

Flat Patch: Pressures to 1,000 psi (70 kg/cm², 68 bar)

Maximum Operating Temperature: 135 °F (51 °C); when annealed, 175 °F (80 °C)

Each STOP IT® HP™/STOP IT® Flat Patch Kit Includes:

- Dispensing cartridges*
- Static mixers with retainer
- Composite fabric(s)
- Illustrated instructions
- Mixing tray
- Safety gloves
- Clean-up supplies

*Dispensing cartridge gun sold separately.

For more specifications on
InduMar's products visit our
website or call +1 713.977.4100

VISCOTAQ®

by InduMar Systems, LP, a Division of InduMar Products, Inc.

VISCOTAQ® offers unrivaled corrosion control and protection of substrates. Developed with guidance from leading oil and gas companies and through rigorous polymer engineering, VISCOTAQ® is unbeatable in the field.



Viscotaq's unique molecular chemistry is designed to maintain permanent wetting characteristics, forcing the material to flow into the pores and anomalies of the substrate. The elasticity of the product gives it the strength and feel of a solid yet always remains in a semi-solid state that provides high-impact strength and allows for a high resistance against sheering. Manufactured in the USA under ISO 9001.

- Immediate adhesion – no primer required
- No cure time
- Eliminates risk of Microbiological Induced Corrosion (MIC)
- Impermeable to moisture and gases
- Self healing
- Non-hazardous polyolefin compound
- Never brittle

VISCOTAQ® Corrosion Prevention Applications:

- Pipelines
- Casings
- Soil to air transitions
- Girth welds
- Storage tank chimes
- Pipe crossings
- Above ground flanges

Product Line Up

ViscoWrap

- 2", 4", 6", 12" x 33' rolls
- Most commonly applied with OuterWrap for above and below ground substrates.

ViscoWrap HT (High Temperature)

- 2", 4", 6", 12" x 33' rolls
- Used in applications with operating temperatures from +30 °C/84 °F up to 100 °C/212 °F

VISCOTAQ EZ Wrap

- 2", 4", 6", 12" x 24' Rolls
- Paintable backing, for pipe crossings, tank chimes and flange applications

VISCOTAQ Viscopaste

- 1.25" x 1.5" x 9' String



OuterWrap (15 mil PE)

- 2", 4" x 100' Rolls

VISCOTAQ Sealant

- 30 oz tubes

ViscoWrap Technical Specifications

Shelf Life: Unlimited

Water Vapor Permeability:

<0.0050 g/m/2/24mmHg

ASTM D1653-03

Water Absorption: 0.5% ASTM D570-98

Water Penetration:

<.14%, 1800 Hrs,

6v, 3% NaCl, ASTM G9-87

Cathodic Disbondment:

Self healing, ASTM Class 1, 30 days, ASTM G8, 74 °F (23 °C)

Hardness: 36 Shore A, ASTM D2240-04

Adhesive Strength:

5.3 N/cm

ASTM D1000

Operating Temperature Range:

ViscoWrap: -43 °F to + 160 °F

(-42 °C to 71 °C)

ViscoWrap HT: -31 °F to + 212 °F

(-35 °C to 100 °C)

For more specifications on InduMar's products visit our website or call +1 713.977.4100

FIX STIX™ | FUSION TAPE™ STOP IT® PIPE REPAIR & PATCH CLAMPS

FIX STIX™

Fix anything ... FAST! A hand-moldable, industrial strength, steel filled epoxy ... plug leaks, fill holes and cracks, bond and repair almost anything.

No hot work or special tools required. Ready to use. FIX STIX™ sets rock hard in about 20 minutes, works underwater and over a wide temperature range. FIX STIX™ is pre-measured, non-toxic, solvent free, has little odor, can be used on potable water lines and has excellent chemical resistance. It will not shrink, crack or pull away. FIX STIX™ can be machined, threaded and painted after fully curing.

Thousands of uses!



FUSION TAPE™

This simple to use heavy duty, self-bonding, self-fusing, seamless silicone tape is an ideal alternative to shrink wrap tubing and vinyl tapes. Fusion Tape™ won't crack or separate with sudden shock, vibration, expansion or contraction. It is not tacky to the touch and requires no special tools to promote fusion.



STOP IT® Pipe Repair Clamp

Designed to stop pin hole leaks through simple mechanical action. Expanded PTFE Gasket resists nearly all chemicals.



STOP IT® Patch Clamps

Fast, economical patch clamps repair pin holes, punctures or splits in steel pipe. Widely used in industrial plumbing, water/wastewater, gas and irrigation markets.



For more specifications of InduMar's products
visit our website or call +1 713.977.4100

Technical Specifications

FIX STIX™

Shelf Life at 75° F (24 °C): Minimum 24 months

Working Time: Two minutes

Set Time: 20 minutes

Maximum Use Temperature: 300 °F (149 °C)

Dielectric Strength: 300 volts/mil

Density: 18.5 lb/gal (2.2gm/cm³)

Compressive Strength: 8,000 psi (55 MPa)

Tensile Strength: 6,000 psi

Lap Shear Tensile Strength: 900 lbs (6.2 MPa)

Izod Impact: 0.3lb/in (notched)

Hardness (Shore D): 80

Non-Volatile Content: 100%

FUSION TAPE™

Operating Temperatures: (Continuous):

-76 °F to 392 °F (-60 °C to 200 °C)

(Intermittent): -85 °F to 500 °F

(-65 °C to 260 °C)

Dielectric Strength, Minimum: 400 volts/mil (.020" thick)

Water Absorption: 3% maximum by weight

Tensile Strength: 700 psi minimum

Ultimate Elongation: 300% minimum

STOP IT® Pipe Repair Clamp

Size Range: Nominal pipe 1/2" – 5"

Material: Band/housing 301 CRES, heat-treated alloy screw

PTFE Sealant: -400 °F to 600 °F -268 °C to 316 °C

Service Range: 150 psi

STOP IT® Patch Clamps

Sizes: Nominal pipe 3/4" to 6"

Materials: Band S/S Type 304 18-8

Lug and Bolts: Plated or Stainless

Gasket: Gridded Neoprene

Service Range: 150 psi

STOP IT® Emergency Leak Control Kits

HazMat Response for Pipes, Tanks, Drums & Vessels

First Response™ Leak Repair Kit

The First Response™ Leak Repair Kit provides everything needed for maintenance and safety teams to respond quickly to most common leaks, cracks, and gashes in pipes, tanks and drums.

Each kit includes

- A small, medium, and large size of the STOP IT® Pipe Repair System
- Five Fix Stix™ epoxy units
- 18 assorted wooden plugs
- Rubber hammer
- Two Plug-N-Dike™ Plug Rugs
- Three Plug Patties
- Lead wool filler pack
- Hot/cold hose repair tape



Universal Series – Kits AE and D

Universal kits are designed to plug hazardous material leaks in any type of low-pressure vessel. The kits contain everything needed to respond to leaks in tanks and drums. The wide variety of sealing devices and materials address surface holes of all shapes, as well as cracks and gashes. All bolts, back-up plates, and hardware is constructed from 304 stainless steel. Accompanying tools are available in standard or non-sparking versions.

Kits AE and D contain

- Two toggle-bolt ball plugs
- Six toggle-bolt surface plugs
- Two T-bolt crack patches
- Five self tapping screw patches
- Nine assorted wooden plugs
- Fix Stix™ epoxy
- Plug-N-Dike™ Plug Pattie
- Lead wool filler pack
- Hot/cold hose repair tape
- Sorbent pad
- Tubeless tire repair kit
- 8" x 12" solid neoprene and 20" x 20" closed-cell foam gasketing material
- Steel drift pin
- OSHA approved 200' roll of barricade tape
- Tools for installing all patches
- Heavy duty carrying case



Kit AE: Contains items for larger holes, cracks and gashes in addition to the standard items listed above. These include one 8" x 12" stainless steel plate lined with 3/4" thick soft neoprene material and three T-bolts with preassembled wingnut washer combos. A second 8" x 12" stainless steel neoprene backed plate is included with hardwood cribbing ladder patch and two 22' heavy-duty nylon straps.

Kits C-2 and C-3: These versatile clamps respond to water, wastewater, fuel, chemical, air and gas leaks.

Series C-2: Contains ten assorted clamps for 1/2" through 4" diameter pipe, extra gasketing material and installation tools. Clamp sizes are 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 3 1/2", 4".

Series C-3: Contains three large clamps for 5", 6" and 8" diameter pipe, extra gasketing material and installation tools. Clamp sizes are 5", 6" and 8".

Kit F: Designed to patch a large hole, crack, or gash in a large vessel or tank. The kit has a patch that conforms to the curvature of the vessel and the patch uses a variety of T-bolts to support itself directly to the hole. The leak is then sealed by tightening the compression bolts around the frame, conforming the patch to the vessel.