

Stop It® HP™

by InduMar Systems, LP

STOP IT® HP™ is a multi-component epoxy composite repair system designed for high-pressure sealing applications with working pressures up to 2,000 PSI (140 kg/cm²) and operating temperatures up to 165°F (74°C). The repair system provides a built in 5:1 safety margin.

STOP IT® HP™ utilizes a premeasured 2-part epoxy system combined with high performance, aramid fiber fabrics to provide superior leak sealing capacity with strong interfacial bonding. STOP IT® HP™ is recommended for high pressure applications up to 2,000 psi (140 kg/cm²) with a built in 5:1 safety margin. Repairs to high pressure process piping may be completed in as little as 4 hours.

The custom formulated epoxy resin offers strong adhesion to most substrates, thus addressing differences in thermal expansion between a pipe and the repair components. Repairs have demonstrated prolonged high pressure performance under repeated temperature and pressure cycling. The composite repair produces a durable coating that will not shatter under extreme operating conditions.

Repair applications can be made regardless of pipe orientation and results in a durable coating approximately 5mm thick. The repair epoxy system has a working time of approximately 8 – 10 minutes and will allow return to service in as little as 4 hours. Accelerated cure times are possible with the STOP® IT HP™ Annealing Kit.

STOP IT® HP™ is supplied in a kit with all of the necessary components for field installation*. Installation requires no special training and involves minimal surface preparation. Standard kits for repair of pipes up to 4" in diameter are available; non-standard kits can be custom made to order with short delivery times.

STOP IT® HP™ has been subjected to intensive testing and complies with US DOT 49CFR parts 192 and 195, and ASME PCC-2 article 4.1.



* Dispensing gun sold separately

Physical Properties

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

Color: Epoxy part 1 – clear, Epoxy part 2 – straw

Mixing Ratio: As supplied, dual cartridge dispenser

Pot Life: 8 min. @ 72°F (22°C) after mixing, for mixtures less than 1/2” thick

Glass Transition Temperature: 165°F (74°C), cured and annealed

Cure Time: ~4 hour @ 72°F (22°C) at 1/8” film thickness

Sealant Viscosity: Gel-like before cure

Chemical Resistance

Stop It® HP™ is 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.

Sealant	Resistance Rating
Inorganic Acids	Excellent
Bases	Excellent
Chlorinated Solvents	Good
Organics (except some acids)	Excellent

Stop It® HP™ Kit* Contents

- Dispensing cartridge
- 2 static mixers with retainer
- Composite fabrics
- Illustrated instructions
- Mixing tray
- Safety gloves
- Clean-up supplies

*Dispensing gun (shown) ordered separately



Ask about other InduMar products: STOP IT® PIPE REPAIR SYSTEM, STOP IT® FLAT PATCH, STOP IT® GAS RISER REHABILITATION, VISCOTAQ®, FIX STIX™ – 20 MINUTE EPOXY, FUSION TAPE™, STOP IT® PIPE REPAIR CLAMP AND EMERGENCY LEAK CONTROL KITS