

Repair Kits: Under Pressure

Pipe & Joint Repair up to 60 psi

Under Pressure

Pipe & Joint Repair Kit

Quick Action Repair for Pipes



Ready to Use • Heat Resistant
No Mixing • No Mess • Sets Rock Hard in Minutes
Can be Applied Under Pressure

Syntho-Glass®

PRE-PREG FIBERGLASS CLOTH

ISO 9001-2000
Certified



DESCRIPTION

This kit fixes joints, leaks, cracks and pinholes **under pressure**. The simplified application process is prepackaged to accommodate pipes up to six inches in diameter. Larger diameter pipes are repairable using additional Neptune Products.

TYPICAL APPLICATIONS

- Under pressure leaks
- Leaking joints
- Live pinhole leaks
- Dripping lines
- Emergency repair

BENEFITS

- No shut-down necessary
- Ready to use
- Repair of pipes **under pressure** up to 60 psi
- Heat resistant
- Effective time saving
- No mixing & no mess
- Sets rock hard

KIT CONTENTS

- Syntho-Glass®
- Butyl Strip
- Pressure Sealing Rubber Tape
- Gloves
- Instructions

Composite

Pipe Diameter	Roll Size	Kit Examples
1/2" - 1"	2" x 5'	UP520
1 1/4" - 2"	3" x 9'	UP930
2 1/2" - 4"	4" x 15'	UP415
4 1/2" - 6"	4" x 30'	UP430

Note: For repairs of 8" and up, Syntho-Glass comes in special order lengths of 20, 30 and 50 feet with widths of 4, 6 and 8 inch.

For Sales & Information, Call Toll Free: (888) 532-7937



TYPICAL PROPERTIES

Physical Properties

Resistance Temperature to Heat	260° F
Resistance Temperature to Cold	-50° F
Gasoline & Oil	OK
Alcohol	OK
Water	OK
Low Concentration Mineral Acid	OK
High Concentration Mineral Acid	OK
High Concentration Alkali	OK
Low Concentration Alkali	OK

Mechanical Properties

Tensile Strength	38,000 psi
Flexural Strength	18,000 psi
Dielectric Strength	16,000 volts

Preparation and Application

(Maximum Pressure Use is 60 psi)

1



JOINT: Cut the provided butyl strip to be sure that it wraps around the entire joint and the ends meet, remove backing and apply. Begin wrapping rubber tape on the outer half and work towards the leaking joint by stretching the tape to its **maximum tension**. Use entire roll of pressure tape and continue to wrap until the leak has stopped.



CRACK: Use only the rubber tape and be sure that the sealing pad, which has been pre-mounted to the rubber tape, goes directly over the leaking area. Begin wrapping tape by stretching to its maximum tension **DIRECTLY** over the repair area until it has stopped. **DO NOT CHASE THE LEAK** as each wrap provides additional pressure over the leak.

2



Use gloves enclosed and remove Syntho-Glass® from foil pouch.
Soak in temperate water for 10 seconds.

3



Tightly wrap Syntho-Glass, using entire roll, approx. 2" above and below the repair and directly over the rubber tape.

4



Squeeze and mold Syntho-Glass in the direction of wrap, removing excess water and spreading resin until tacky to touch (approx. 3 min.). Wait 30 min. at 75°F before returning to operating pressure.

REPAIR KITS PIPE & JOINT UNDER PRESSURE

