

Repair Kits: Non-pressure

Repair Kit for Cracked / Broken Pipes and Joints

**Cracked/
Broken**

Pipe & Joint Repair Kit

Quick Action Repair for Pipes



**Ready to Use • Heat Resistant
No Mixing • No Mess
Sets Rock Hard in Minutes**



ISO 9001-2000
Certified

**Syntho-
Glass®**



DESCRIPTION

Syntho-Glass® is a patented, easy to use, quick action repair, that when properly applied, will repair broken pipes damaged through everyday wear or when an unexpected emergency occurs.

TYPICAL APPLICATIONS

- Cracked piping
- Leaking joints
- Corroded pipes
- Emergency repair
- Potable waterlines
- Irregular pipe fittings

BENEFITS

- Ready to use
- Heat resistant
- Effective time saving
- No mixing & no mess
- Sets rock hard
- NSF61 approved

KIT CONTENTS

- Syntho-Glass
- Butyl Patch
- Syntho-Steel™ Putty
- Gloves
- Instructions

Pipe Diameter	Roll Size	Kit Examples
1/2" - 1"	2" x 5'	NP520
1 1/4" - 2"	3" x 9'	NP930
2 1/2" - 4"	4" x 15'	NP415
4 1/2" - 6"	4" x 30'	NP430

Quick Action

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	300° 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

Quick Action

Mechanical Properties

Tensile Strength	38,000 psi
Lap Shear Strength	900 psi
Flexural Strength	18,000 psi
Dielectric Strength	16,000 volts

Preparation and Application

- 1** Release water pressure from pipe. Clean and roughen area to be repaired, then:



Joint / Potable water systems: Knead putty until uniform in color. Roll into a rope or ball. Place firmly into joint or crack. Feather edges with wet finger.

OR



Crack: Remove adhesive backing from Butyl Patch and apply directly over break; press firmly onto pipe.

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



- 3** Wrap Syntho-Glass, using entire roll, approx. 2" above and below the repair area. Wrap as tightly as possible.



- 4** Squeeze and mold Syntho-Glass in the direction of wrap, removing excess water and spreading resin until tacky to touch (approx. 3-5 min.). Allow 30 minutes at 75°F before re-applying water pressure.



PIPE & JOINT NON-PRESSURE

REPAIR KITS