

**Syntho-Glass®** is a woven fiberglass cloth pre-impregnated with urethane resin which is water activated. Syntho-Glass requires no mixing, measuring, waiting or clean up. Use directly from the package. Standard setting time is 3-5 minutes, but will vary depending upon temperature.

**Syntho-Glass®** is a fast, durable and cost effective hose/pipe repair system that effectively bonds to plastic, PVC, metal, rubber, or vinyl hoses and pipes. This revolutionary product will set under water, making it ideal for applications in the splash zone, corrosion protection, reinforcement, general protection, and electrical insulation to 16,000 volts.

**Syntho-Glass®** will retain pressure and will function under intermittent temperatures up to 180°F (82°C).

**Syntho-Glass®** is odorless, non-combustible and non-toxic. Syntho-Glass can be sanded and painted, if desired.

## PREPARATION AND APPLICATION

### READ ALL INSTRUCTIONS BEFORE OPENING PACKAGE!

**1**



Reduce pressure to 60psi (4.1378bar) or below. Clean and roughen surface using supplied solvent cleaning wipe and sanding cloth. Wearing supplied gloves, knead epoxy putty until uniform in color. Roll into a rope or ball and place firmly into joint or crack.

**2**



Wrap Pressure Sealing Tape in an overlapping manner, working toward the putty and pushing putty downward into the crack/hole. Wrap firmly in place by stretching the tape to its MAXIMUM tension DIRECTLY over the putty, until the leak has stopped. DO NOT CHASE THE LEAK as each wrap provides additional pressure. Use the entire roll of provided tape.

**3**



Remove Syntho-Glass® roll from foil pouch. **SOAK IN TEMPERATE WATER FOR 20 SECONDS TO ACTIVATE RESIN SYSTEM.** Begin application approximately 2" (5cm) to the left of the repair area and continue wrapping approximately 2" (5cm) beyond the repair. Wrap Syntho-Glass® using 50% overlap. Use the entire roll of provided material. Wrap as tight as possible.

**4**



Squeeze and mold Syntho-Glass® in the direction of the wrap, removing excess water and spreading resin until tacky to touch (30 sec). Allow 2 to 5 minutes @75°F (24°C) before resuming pressure.

#### Larger sizes available

Pipe Diameter	Roll Size	Kit Code
1/2" - 1" (1.27cm - 2.54cm)	2" x 5' (5cm x 1.52m)	UP520M
1 1/4" - 2" (3.17cm - 5.08cm)	3" x 9' (7.62cm x 2.74m)	UP930M
2 1/2" - 4" (6.35cm - 10.16cm)	4" x 15' (10.16cm x 4.57m)	UP415M
4-1/2" - 6" (11.43cm - 15.24cm)	4" x 30' (10.16cm x 9.14m)	UP430M

#### PRECAUTIONS:

The resin used in Syntho-Glass® will adhere to skin and clothing and may cause skin irritation. Protective gloves should be worn while handling. Care should be exercised to avoid contact with unprotected areas of skin and eyes. Swabbing lightly with alcohol or acetone will help remove resin from skin (prior to set). In the event of eye contact, flush eyes with water for 15 minutes and contact a physician immediately.

**STORE IN A COOL, DRY, SHADED AREA**



**USE BEFORE:**



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