

Solutions for Pipe Repair

Reinforcement & Containment

Reduces down time



Durable



Versatile



HOW TO



Syntho-Glass®
PRE-PREG FIBERGLASS CLOTH

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

Reinforcing Pipes



Corrosion damage on 10" pipe

Reinforce:



1 Apply 2-part Syntho-Steel Epoxy



2 Syntho-Glass® wrapped over Epoxy



3 30 Minutes later, project complete

Corrosion Protection



Potential corrosion area on pipeline

Protect:



1 Wrap Petroleum Tape over area to protect



2 Wrap Syntho-Glass over Petroleum Tape



3 In 30 minutes, material is set and ready for back fill.

MECHANICAL PROPERTIES

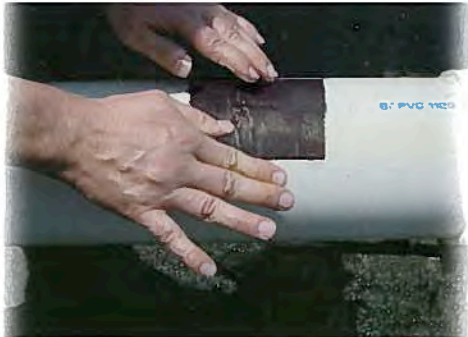
Tensile Strength	ASTM D 638 Type I-8 PLY	36,448 psi
Flexural Strength	ASTM D 790 Type I-8 PLY	26,100 psi
Compressive Strength	ASTM D 695 Type I-8 PLY	24,846 psi
Dielectric Strength, Volts		16,060 v
Temperature Resistance	Continuous, Intermittent °F	300, 500

Cracks



1 inch by 1/4 inch crack in pipe

Repair:



- 1** Cover crack with included Butyl Patch



- 2** Wet Syntho-Glass®; wrap over Butyl Patch



- 3** In 30 minutes, return to service

CHEMICAL RESISTANCE

Solution	Surface Changes	All samples tested for 60 days at a temperature of 73°
Sulphuric acid 50%	None	
Hydrochloric acid 10%	None	
Sodium Hydroxide 20%	None	
Gasoline	None	

Joints



Leaking joint on a 4" line

Repair:



- 1** Mix Syntho-Steel™ putty and apply around joint



- 2** Wrap Syntho-Glass over the Syntho-Steel



- 3** In approx. 30 minutes, repair is complete

Solutions for Pipe Repair

What is Syntho-Glass®?

Syntho-Glass® is the original, easy to use, quick action solution. When properly applied, it will repair damage through everyday wear or when unexpected emergencies occurs.

Syntho-Glass fiberglass cloth is pre-impregnated with a resin which is activated by salt or fresh water. Packaged in a hermetically sealed foil pouch, it's ready to use and does not require any measuring or mixing. This system, when used with the appropriate primary patch, enables you to repair and reinforce virtually any diameter pipe in minutes. Syntho-glass reduces down time, saving you thousands in parts and labor.

With an initial setting time of only 30 minutes (75°F), Syntho-Glass is excellent on **COPPER, STEEL, SS, PVC, FRP, CLAY, CONCRETE, RUBBER AND MORE.** It is amazingly versatile!

Syntho-Glass is safe to use, non-toxic, non-combustible and odorless. This system can not only restore a pipe to its original PSI rating, but can actually make the repair area stronger than the original pipe.

Applications:

- Corrosion Protection
- Reinforcement of Corroded or Damaged Pipes
- Irregularly Shaped Repairs
- Under Water Repair
- Repairs Pipes from 1/2" to 54"
- Force Mains and Gravity Lines
- Riser Restoration
- Joint and Tee Repair
- Emergency Repair
- NSF 61 Approved for Potable Drinking Water
- Under Pressure Repair



Quick Action!

Syntho-Glass®
PRE-PREG FIBERGLASS CLOTH



Quick Action

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