

# SYNTHO-GLOSS<sup>®</sup>

## PROPERTIES

### Syntho-Glass Sizes vs. Pipe Diameters

Cloth Width	Length Required	Pipe Diameter	Repair Length
4"	15'	4"	6"
4"	30'	6"	8"
4"	50'	8"	12"
4"	50'	10"	11"
8"	30'	12"	9"
8"	30'	16"	7"
8"	50'	18"	10"
8"	50'	24"	8"

Note: This system, when used with the appropriate primary sealant, enables you to repair and reinforce virtually any diameter pipe in minutes. Sizes shown above are calculated using an 8 layer Syntho-Glass application. For pressures once cured w/primary sealant: up to 300 psi (20.6 bar)

### Temperature vs. Setting Time

Average Temperature	Approximate Setting Time
95° F (35° C)	23 minutes
70° F (21° C)	28 minutes
60° F (16° C)	1 hour 25 minutes
50° F (10° C)	2 hours 42 minutes
42° F (6° C)	3 hours 02 minutes
35° F (2° C)	6 hours 21 minutes

Note: The above items are approximate setting times, not cure times. Generally, at 70° F (21° C) curing is usually sufficient in about 2-3 hours. At 45° F (8° C), please allow 72 hours. Important: The type of primary patch used will dictate the time required before turning pressure on.

### Chemical Resistance

Solution Tested	Product Result
Sulfuric Acid 10%	No change
Sulfuric Acid 50%	No change
Hydrochloric Acid 10%	No change
Hydrochloric Acid 50%	No change
Sodium Hydroxide Solution 20%	No change
Gasoline	No change
Toluene	No change
Xylene	No change
Mineral Spirits	No change
Nitric Acid 50%	Blistering
Distilled Water	No change

ASTM D 543, Test Period 2 Months at 73° F (23° C)

SG P 0214

