

SYNTHO-GLASS®UP

UNDER-PRESSURE LEAK REPAIR KIT

Description Syntho-Glass®UP Repair System was specifically designed for under pressure leak repair applications on copper, steel, SS, PVC, FRP, concrete, rubber, and more. By combining the original Syntho-Glass® product, with the extremely chemically resistant Syntho-Steel™ and unique Pressure Sealing Rubber Tape, this offers the geometric flexibility to repair joints, tees, couplings, and pinholes. This complete system simplifies the application process and is prepackaged to accommodate pipes up to 10 inches in diameter. Larger repair applications can be engineered to meet your requirements.

Typical Applications

- Under pressure leaks on:
 - Leaking joints
 - Pinhole leaks

Benefits

- Repair of pipes under pressure up to 60 psi (4.1 bar)
- No shutdown necessary
- Simple application
- Effective, time-saving
- No mixing and no mess
- Sets rock hard in minutes
- NSF61 and BS6920 approved for potable water when Syntho-Steel is used as the primary sealant

Working Time 5 minutes at 75°F (24°C)

Set Time 30 Minutes at 75°F (24°C)

Shelf Life 24 months with recommended storage conditions

Limitations 32 to 250°F (0 to 121°C)

Related Products The following products are system components of the Syntho-Glass UP system:

- Syntho-Steel Putty
- Butyl Strip
- Pressure Sealing Rubber Tape
- Syntho-Glass

Mechanical Properties	Test	Method	Result
	Tensile Strength	ASTM D3039	36,000 psi (2482.1 bar)
	Lap Shear Strength	ASTM D5379	900 psi (62.05 bar)
	Flexural Strength	ASTM D790	26,100 psi (1799.53 bar)
	Dielectric Strength	ASTM D149	16,000 Volts

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