



Syntho-Glass® NP Syntho-Glass® UP

Syntho-Glass® UP (under pressure) and Syntho-Glass® NP (non-pressurized) kits are packaged and delivered as complete systems, enabling quick repairs for a wide range of applications on pipes up to 10 inches in diameter.

The Syntho-Glass® NP Repair System combines the original Syntho-Glass® product with extremely chemically resistant Syntho-Steel™ to deliver a pipe repair system specifically designed for depressurized pipe repair applications on copper, steel, SS, PVC, FRP, clay, concrete, rubber, and more. It has the geometric flexibility to repair joints, tees, couplings, pinholes, and cracks.

Syntho-Glass® UP takes repairs to the next level. Packaged with an additional component – uniquely designed Pressure Sealing Rubber Tape – it extends the capabilities of Syntho-Glass® NP, allowing for the repair of live leaks up to 60 psi (4.1 bar) pressure on joints, tees, couplings, and pinholes.

Applications

Syntho-Glass® NP repairs depressurized leaks on:

- Joints, tees, and couplings
- Pinholes
- Cracks

Syntho-Glass® UP repairs leaks under pressure to 60 psi (4.1 bar) on:

- Joints, tees, and couplings
- Pinholes

Features

- Supplied as a complete kit
- Quick and easy installation
- Good chemical resistance range
- Heat resistant
- Designed with Syntho-Glass® pre-impregnated composite and chemically resistant Syntho-Steel™
- NSF61 and BS6920 approved for potable water when Syntho-Steel™ is used as the primary sealant

BENEFITS:

- Ready to use
- No mixing or mess
- Saves time
- Needs no special tools
- No hot work
- Environmentally safe
- Cures completely in minutes



MECHANICAL PROPERTIES

PROPERTY	METHOD	RESULT (CIRCUMFERENTIAL DIRECTION)
Tensile Strength	ASTM D3039	36,000 psi (2,482.1 bar)
Lap Shear Strength	ASTM D5379	900 psi (62.05 bar)
Flexural Strength	ASTM D790	26,100 psi (1,799.53 bar)
Dielectric Strength	ASTM D149	16,000 Volts

Warranty: ClockSpring|NRI routinely implements product improvements. Please contact your local distributor or office for the most current product specifications. ClockSpring|NRI warrants the quality of this product when used according to directions.



Sales@cs-nri.com
www.cs-nri.com

