

SYNTHO GLASS NP

NON-PRESSURE LEAK REPAIR KIT

Description Syntho-Glass®NP Repair System was specifically designed for depressurized pipe 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™, 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 Depressurized leak repair on:

- Joints
- Pinholes
- Cracks

Benefits

- Ready to use
- Heat resistant
- Effective, time-saving
- No mixing and no mess
- Sets rock hard in minutes

Limitations

- Application temperature: 32 to 150°F (0° to 65°C)

Related Products

- Syntho-Steel Putty
- Syntho-Glass
- Butyl Tape

Mechanical Properties	Test	Method	Result
	Tensile Strength	ASTM D638	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

Surface Preparation Surface preparation and profiling shall promote continuous intimate contact between the FRP system and pipe by providing a clean, smooth, and circumferential surface. Surface preparation shall be in accordance with SSPC-SP1 “Solvent Cleaning” and SSPC-SP11 “Power Tool Cleaning” with a 1-3 mil surface roughness (25-75 microns) minimum. If an existing coating is present, roughen to degloss. NRI’s composite repair systems are bond-critical and require a strong adhesive bond between the clean pipe and the composite system.

Installation Installation of the Syntho-Glass NP composite repair system shall be performed by NRI qualified applicators only. Surface preparation, mixing of epoxy, material saturation, and installation of the system shall be in accordance with NRI’s product specific installation guides, latest revision. Quality control inspection during and after installation of the system shall be performed per NRI’s Installation Validation Procedure: Quality Control Records, latest revision.

Warranty ©Neptune Research Inc. (NRI) NRI®, Syntho-Glass®, and Syntho-Glass®NP are registered trademarks and Syntho-Steel™ is a trademark of NRI. NRI utilizes a process of continuous product improvement for all of our products. While we do strictly adhere to our products’ specifications, we routinely implement product improvements. Therefore, please contact your local NRI distributor or office for the most current product specifications. NRI warrants the quality of this product when used according to directions. Syntho-Glass NP is NOT an approved coating system. Failing to coat per standard procedures can lead to atmospheric corrosion damage. Apply protective coatings per company standards. User shall determine suitability of product for use and assumes all risk. The seller will not accept liability for more than product replacement. SGNP DS 0215 English

