



SYNTHOGLASS NP SYNTHOGLASS UP

SynthoGlass UP (under pressure) and SynthoGlass 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 **SynthoGlass NP** Repair System combines the original SynthoGlass product with extremely chemically resistant ESN-202 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.

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

BENEFITS

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

APPLICATIONS

SynthoGlass NP repairs depressurized leaks on:

- › Joints, tees, and couplings
- › Pinholes
- › Cracks

SynthoGlass UP repairs leaks under pressure to 60 psi

- › Joints, tees, and couplings
- › Pinholes

FEATURES:

- › Supplied as a complete kit
- › Quick and easy installation
- › Good chemical resistance range
- › Heat resistant
- › Designed with SynthoGlass pre-impregnated composite and chemically resistant ESN-202
- › NSF61 and BS6920 approved for potable water when ESN-202 is used as the primary sealant

SYNTHOGLASS NP SYNTHOGLASS UP

QUALIFICATION DATA

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

PS_0825

ISO 9001 Certified