



Water-activated composite wrap
for structural repair and corrosion protection.



Key Features & Performance Benefits

- ✓ Water activated polyurethane system
- ✓ Factory impregnated fabric in sealed pouches
- ✓ No mixing, measuring or spreading resin
- ✓ Bonds to metal, concrete, plastic and wood
- ✓ Heat resistant up to 288° F (142° C)
- ✓ Chemical resistant
- ✓ 'Spiral', 'Circumferential', or 'Brick' layer wrap as needed
- ✓ Available as: Aquawrap-Glass Fabric and Aquawrap Black-Carbon Fabric
- ✓ 2-year shelf life

Details



Tensile Strength

- 42,000–76,000 psi
- Hoop and Transfer strength



Adhesion

- 1,000 psi (Lap Shear)
- Using BP-1 primer



Surface Preparation

- SSPC-SP 10/NACE No. 2 Near-White Metal Blast



Application Temperature

- 40°F to 200°F (4°C –93°C)



Hard Cure

- 30 to 60 minutes
- Dry to touch, no impressions



Top Coat Application

- Apply top coat as needed in 18–24 hrs once gassing has stopped.



A robust epoxy composite repair system for damaged and corroded pipes. This wrap can be used for pipe repairs with up to 100% wall loss.



Key Features & Performance Benefits

- ✓ Available fabric: E-glass, Kevlar or Carbon
- ✓ Available resins: Standard, 439, and X-Temp 2
- ✓ Factory premeasured and sealed
- ✓ Heat resistant up to 450° F (232° C)
- ✓ Bonds to metal, concrete, plastic and wood
- ✓ Chemical resistant
- ✓ 2-year shelf life
- ✓ 'Spiral', 'Circumferential', or 'Brick' layer wrap as needed

Details



Tensile Strength

- 44,000 – 70,000 psi



Service Temperature limit

- -50° – 450° F (-46° – 232° C)



Application Temperature

- 60° – 220° F (16° – 104° C)



Surface Preparation

- SSPC-SP 10/NACE No. 2 Near-White Metal Blast



Pot Life (Working Time)

- Standard & 439: 30-60 minutes @ 77° F (25° C)
- X-Temp 2: 12 hrs. @ 77° F (25° C)



Cure Time

- Standard: 30 – 60 minutes @ 77° F (25° C)
- 439: 4 hours @ 77° F (25° C)
- X-Temp 2: 6 hours @ 77° F (25° C)



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www.polyguard.com

pipeline@polyguard.com