



PermaSleevez™

The structural repair system built for close quarters



PermaSleevez™ System is comprised of individual high strength composite sleeves bonded together with an easy to mix adhesive and “load transfer” filler materials for structural applications

PermaSleevez™ System provides a quick, durable and versatile structural reinforcement (< 1,000 psi) for harsh environments

PermaSleevez™ System is furnished with everything needed for application with no special tools required

PermaSleevez™ System can be applied to either wet (fresh or saltwater) or dry conditions and typically cures in 2 hours depending on temperature

PermaSleevez™ System is ILI Detectable

PermaSleevez™ System is used in pipe racks, soil-to-air interface, subsea, risers, pilings, caissons and more

PermaSleevez™ System bonds to wide variety of materials such as metals, composites, and concrete.

PermaSleevez™ System complies with ASME PCC-2, ISO 24817, ASME B31.3, API 570 and CSA Z662

PermaSleevez™ System used many time on non-regulated lines

Material Properties

Single Layer Thickness	0.074"
Tensile Strength	90,000 psi
Tensile Modulus	5.0 msi
Available Kit Sizes	Pipe 4" to 56" diameter
Sleeve Widths	12" Standard (18" custom)
Standard Kits	4 layer Kit & 8 layer Kits
Lap Shear Strength	1,950 psi
Compressive Strength	12,300 psi
Working Time	30-40 minutes (temperature dependent)
Set Time	2 hours (temperature dependent)
Cure Time	24 hours (temperature dependent)
Temperature Range	-40 °F to 175 °F
Hardness	80-90 Shore D

Prep the Pipe



Mix the Filler



Mix the Primer Adhesive



Apply the Filler



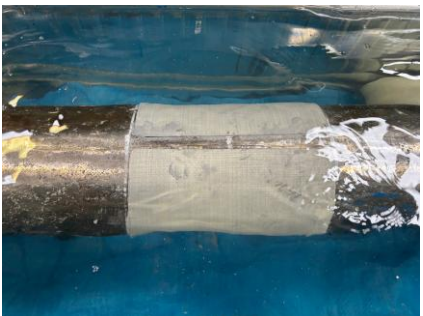
Apply the Primer



Ready to apply 1st Sleeve



Position Sleeve



Repeat Primer & Position Sleeves



Tighten System and Cure

