

# *PermaWrap™ Pipe Support Kit*



## ***"Stop Corrosion and Abrasion"***

- *Available in 2 and 4 Layer Kits • Non-Hazmat Epoxy Adhesive*
- *Available in Sizes 4" to 56" • No Hot Work • No Shutdown*
- *5 Widths Available to 18" • 2-Man 30 Minute Installation*



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*"Composite Solutions for Piping and Structures"*

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# AN ADVANCEMENT IN PIPE REPAIR

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## Easy Step by Step Installation!



**Step 1** - Prepare the Pipe Surface



**Step 2** - Mark and Apply the Sleeve



**Step 3** - Tighten the Sleeve



**Step 4** - Completed Installation

### Pipe Support Kit:



- **Installation Accessory Kit** provides all items to properly apply the PermaWrap Pipe Support System with minimal additional tooling.
- **Two-part Non-Hazmat Epoxy Adhesive System** used to bond the PermaWrap Sleeve to the pipe surface and composite layers to form a monolithic structure.
- **2 or 4 layer PermaWrap™ Composite Sleeve** uses a superior laminate construction with proven materials to form a high tensile strength rigid fiberglass wrap.
- **The PermaWrap™ Pipe Support System** is available for 4" thru 56" Diameter Piping.
- **The PermaWrap™ Pipe Support Kit** comes in five (5) standard widths - 6", 9", 12", 15" & 18".

### Material Properties:

<b>Epoxy Cure Time</b>	<b>2 - 6 Hours</b>
<b>Max Operating Temperature</b>	<b>-50 to 130 °F</b>
<b>Chemical Resistance (pH range)</b>	<b>4-11</b>
<b>Tensile Strength (psi) - Composite</b>	<b>90,000 psi</b>
<b>Tensile Strength (psi) - Adhesive</b>	<b>5,200 psi</b>
<b>Tensile Modulus</b>	<b>5.5 msi</b>
<b>Flexural Strength (psi)- Composite</b>	<b>26,000 psi</b>
<b>Flexural Strength (psi)- Adhesive</b>	<b>4,900 psi</b>
<b>Flexural Modulus (psi)</b>	<b>2 msi</b>
<b>% Elongation @ 77 °F - Composite</b>	<b>1%</b>
<b>Compressive Strength - Adhesive (psi)</b>	<b>10,500 psi</b>
<b>Hardness - Shore D - Adhesive</b>	<b>88</b>