

# *PermaWrap™*

## *Pipe Support Kit*



### ***“Stop Corrosion and Abrasion”***

- *Available in 2 and 4 Layer Kits*
- *Available in sizes 4 to 60-inch*
- *No Hot Work*
- *No Heavy Equipment*
- *2-Man 45 Minute Installation*



***Composite Solutions for Piping and Structures***

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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 60" Diameter Piping.
- **The PermaWrap™ Pipe Support Kit** comes in five (5) standard widths – 6", 9", 12", 15" & 18".

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## Material Properties:

Epoxy Cure Time	2 – 6 Hours
Tensile Strength (psi) – Composite	90,000 psi
Tensile Strength (psi) – Adhesive	5,200 psi
Tensile Modulus	5.0 msi
Flexural Strength (psi)– Composite	12,000 psi
Flexural Strength (psi)– Adhesive	4,900 psi
Flexural Modulus (psi)	4 msi
Compressive Strength – Adhesive (psi)	10,500 psi
Hardness – Shore D – Adhesive	88

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