



**PermaGlass ST
The Ultimate Wet Wrap**

**No Hazardous Materials
No Shutdown - No Hot Work - No Heavy Equipment
2-Person 15 Minute Installation**

PermaGlass ST™- uses a superior laminate construction with proven materials to form a high tensile strength fiberglass wrap for the structural reinforcement of internal and external defects to piping.



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AVHENG
ASSET
INTEGRITY
SERVICES

Features

- uses a two-part proprietary Non-Hazmat solvent free epoxy adhesive to bond the material to the pipe surface and to each composite layer to form a monolithic structure.
- Installation Accessory Kit provides all items for proper installation with minimal additional tooling.
- can be used to restore all pipe diameters.
- kits are available in (2) standard widths – 355 mm (14”) & 482.5 mm (19”)

Repair

- Corrosion Defects internal and external
- Blunt Dents and Gouges
- Bends, Elbows and Tees
- Leaking defects as a temporary repair
- Corrosion at Pipe Supports
- Vertical & Horizontal Piping
- Marine Coating
- Applies and cures underwater

Material Properties

Cure Time	4-10 Hours
Operating Temperature	55°C/130° F
Compressive Strength	ASTM D695 10,000 psi
Tensile Strength - Epoxy	ASTM D638 4,800 psi
Flexural Strength - Epoxy	ASTM D790 6.600 psi
% Elongation – Epoxy	4-6 %
Hardness – Shore D	ASTM D2240

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