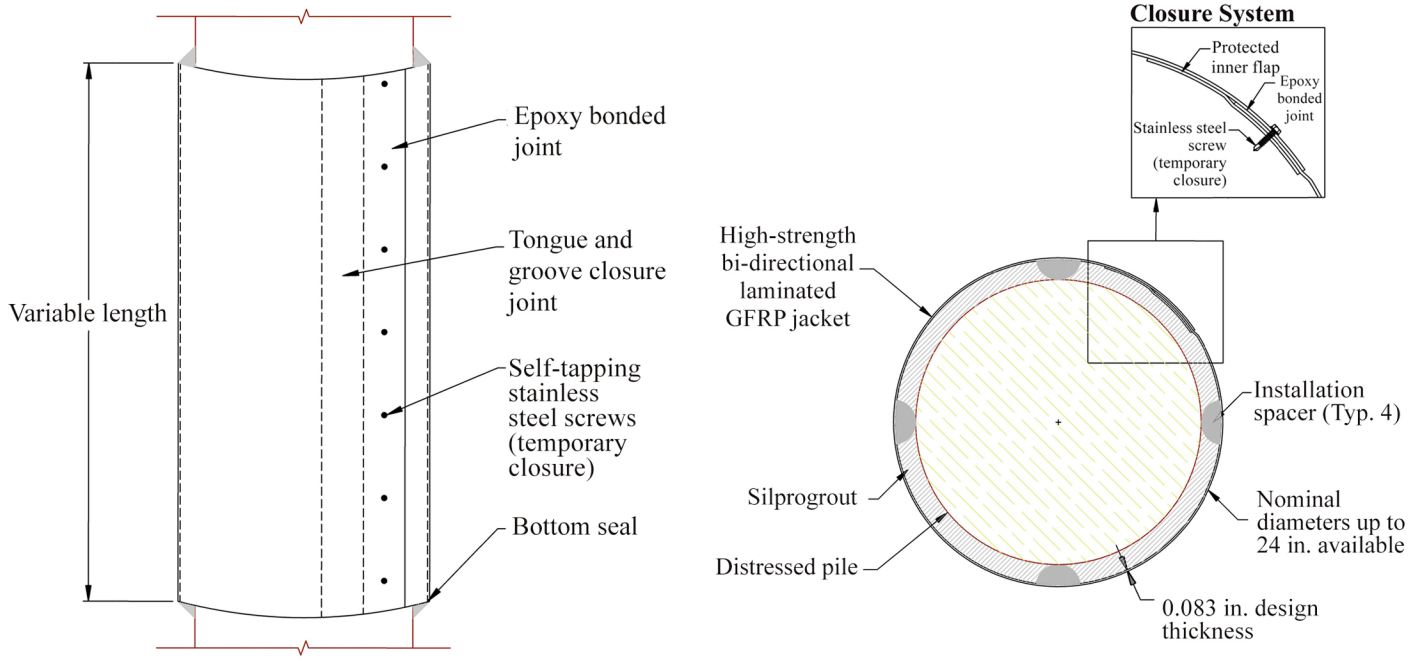
COMTECH MANUFACTURING

J-COM Technical Data Sheet

High-Strength Tongue & Groove GFRP Jacket



Property	Test Method	Result
Water Absorption	ASTM D570	0.5% maximum
Ultimate Tensile Strength	ASTM D638	35,000 psi minimum
Tensile Modulus of Elasticity	ASTM D638	2,500,000 psi minimum
Flexural Strength	ASTM D790	31,000 psi minimum
Flexural Modulus of Elasticity	ASTM D790	1,300,000 psi minimum
Barcol Hardness	ASTM D2583	40 minimum
Design Wall Thickness	--	.083 in.

Recommended factor of safety is Ω=2.0. Values shown are based on preliminary product testing and may vary. Information found in this document is believed to be true and accurate at time of publication. Consult with a professional engineer as to the suitability of our product for your particular application.

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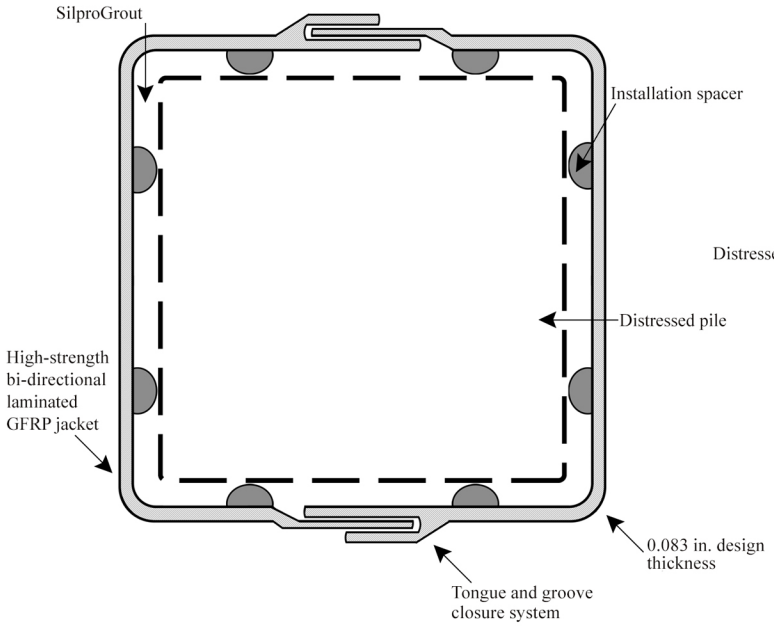
J-COM Installation Overview

- Prepare the site by thoroughly cleaning and removing oil, grease, dirt, marine growth and any other deleterious material from the existing pile.
- Install spacers and injection ports as required by the project and engineer.
- Inject sealing compound in groove side of tongue and groove interlock.
- Position jacket around pile, engaging tongue and groove interlock.
- Secure jacket with strapping system such as nylon ratchet straps placed every 18” or as required. Use a minimum of ¼” stainless steel self-drilling/tapping screws along center of tongue and groove joint placed every 6” vertically.
- If necessary, apply a bottom seal with material such as backer rod, epoxy packing or splash zone. Let bottom seal cure to prevent fill material from slipping out.
- Fill jacket with SilproGrout as specified by the project or engineer.
- Allow fill material to cure.
- If necessary, construct a beveled top seal.
- Remove ratchet straps and any additional bracing that was used.

For detailed instructions, refer to J-COM’s GFRP Pile Jacket Repair Guide or call Comtech at (714) 465-1059.

Square, Two Piece Pile Jacket with Tongue & Groove Interlocks



Round, Two Piece Pile Jacket with Tongue & Groove Interlocks