



SealSleeve™
Fast Construction.
Permanent Protection.

Welded Joints for Pipe with Thermoplastic Liners

Carbon steel pipe with thermoplastic liners provides the optimal solution for safely transporting hazardous liquids and aggressive slurries. The strength and ductility of steel combined with thick, flexible thermoplastic liners ensures high-pressure pipelines last a very long time.

However, a welded joint solution that protects the weld zone with the plastic liner and permits fast joint assembly has eluded the industry... until now.

Lined Pipe Systems' SealSleeve™ utilizes a repeatable and proven sealing technology to bridge the weld zone with a thermally insulated plastic liner. Offshore installation time is a matter of seconds per joint, and onshore installations no longer have to use expensive and leak-prone mechanical joints.

SealSleeve™ allows for the cost-effective use of thermoplastic liners to transport hazardous commodities.

Why SealSleeve™?

Fast J-Lay and S-Lay Offshore Construction: Far faster than joints requiring CRA or plastic electrofusion. SealSleeve™ is never the bottleneck offshore.

Highly Repeatable Joint Quality: O-ring sealing design is well proven and easy to install with consistent quality.

High Pressure Applications: SealSleeve™ withstands whichever pressure the pipe can withstand.

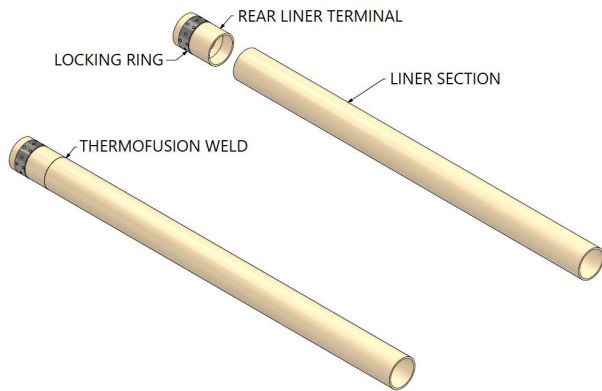
Standard Carbon Steel Welds: Permits standard full penetration welds & NDE for carbon steel pipe.

Fast Field Cuts: Unique liner locking system can be quickly adjusted in the field to permit length adjustments for field repairs.

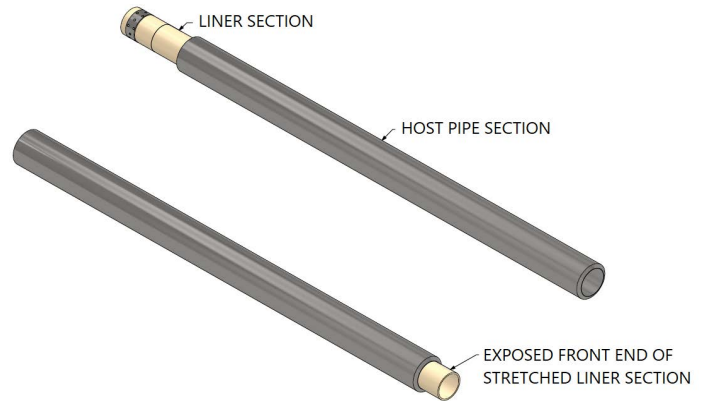


How It Works*

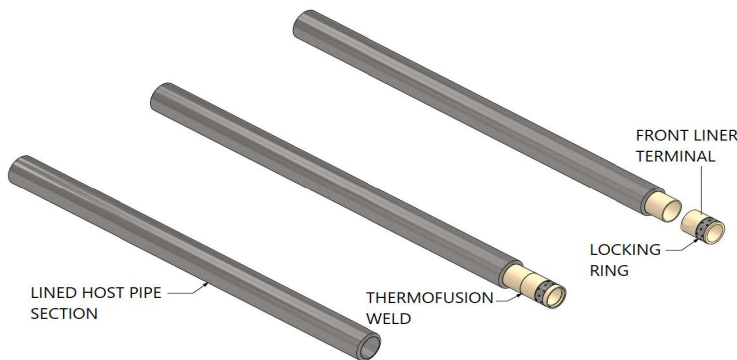
Step 1: Thermofuse rear liner terminal to thermoplastic liner.



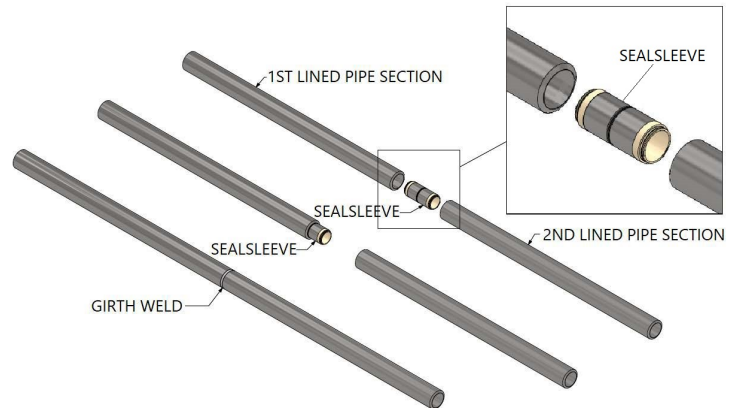
Step 2: Pull liner through pipe & lock rear liner terminal in place.



Step 3: Thermofuse front liner terminal to liner. Liner retracts & liner terminal is locked in place.



Step 4: Insert SealSleeve™ into pipe end, align pipe sections, and perform girth weld.



**Single pipe sections are shown for demonstration purposes. Actual number of pipes between SealSleeve™ joints can be as per industry standard.*

"It's What's On the Inside That Counts"

LPS manufactures welded joint systems for internally lined pipelines transporting corrosive liquids and abrasive slurries: the ideal steel-protection solution that eliminates mechanical joints and permits fast construction.

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Patents Pending

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