

Concrete Embedment Strip

GSE was the first company to develop an extruded HDPE concrete embedment strip for geomembrane attachment. GSE PolyLock is a rugged, durable HDPE profile that can be cast-in-place or inserted horizontally into wet concrete, leaving the welding surface exposed upon completion of concrete preparation. The embedment of anchor fingers provides a high strength mechanical anchor to the concrete. When properly installed and utilized with a geomembrane, GSE PolyLock provides an outstanding barrier to leakage. GSE PolyLock is the most effective and economical cast-in-place mechanical anchor system for HDPE.

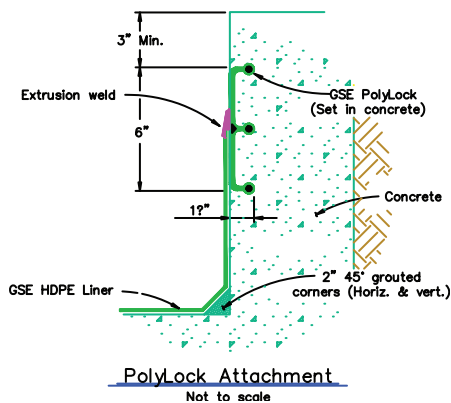


GSE PolyLock System

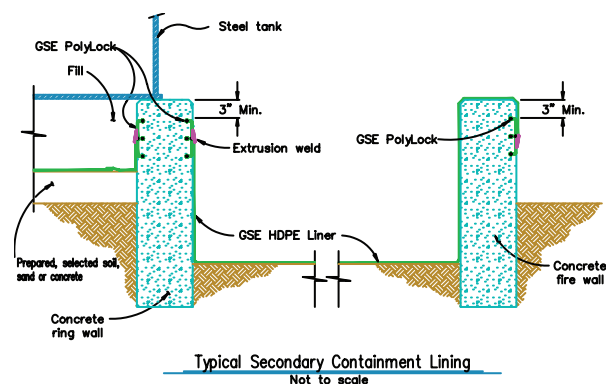
GSE PolyLock Specifications	
Dimensions	
Standard length, ft (m)	10 (3)
Width, in (cm)	6 (15)
Anchor Finger Length, in (cm)	1 (2.5)
Chemical Resistance	Excellent
Tensile Strength, lb/in ² (MPa)	>4,000 (28)
Low Temperature Brittleness, °F (°C)	<-120 (<-84)

THE GSE POLYLOCK SYSTEM PROVIDES:

- An exposed welding surface
- Anchor fingers for strength
- A mechanical anchor system that is effective and economical
- Outstanding leakage barrier



[Typical GSE PolyLock Attachment]



[Typical secondary containment with attached GSE PolyLock]

GSE is a leading manufacturer and marketer of geosynthetic lining products and services. We've built a reputation of reliability through our dedication to providing consistency of product, price and protection to our global customers.

Our commitment to innovation, our focus on quality and our industry expertise allow us the flexibility to collaborate with our clients to develop a custom, purpose-fit solution.

[DURABILITY RUNS DEEP] For more information on this product and others, please visit us at GSEworld.com, call 800.435.2008 or contact your local sales office.

GSE
ENVIRONMENTAL™

North America 800.435.2008 | Europe & Africa 49.40.767420 | Asia Pacific 66.2.937.0091 | South America 56.2.595.4200 | Middle East 20.23828.8888

This Information is provided for reference purposes only and is not intended as a warranty or guarantee. GSE assumes no liability in connection with the use of this Information. Specifications subject to change without notice. GSE and other trademarks in this document are registered trademarks of GSE Lining Technology, LLC in the United States and certain foreign countries. REV 15MAY12