



The Pioneer Of Geosynthetics  
S I N C E 1 9 7 2

## 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 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 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 <sup>2</sup> (MPa)	>4,000 (28)
Low Temperature Brittleness, °F (°C)	<-120 (<-84)

