

## Material

For more than 30 years, high density polyethylene (HDPE) has established itself as the premiere geosynthetic material in the environmental industry. Known for its resistance to chemicals, it is the most reliable subsurface containment material. HDPE has been proven the most effective barrier against contaminants ranging from petroleum-based products to chlorinated hydrocarbons.

## Applications

Environ's four point interlock, modeled after the Larssen design, is engineered to keep hydraulic conductivity to a minimum. Coupled with HDPE's gas and chemical resistance, Environ PE30 is the new solution for containment.

In addition to containment for lateral migration, Environ is an effective vertical barrier component for vapor management. Combined Environ, geotextile, and HDPE bonded layers make up the new standard for vapor intrusion systems.



AZ's are the most trusted piles for environmental structures, and Environ PE30's interlock is modeled after the AZ steel sheet pile series: it is designed to impede contaminants in environmental containment applications.

### Product Benefits:

- Isolates contaminants
- Prevents leaching
- Resists gas permeation
- Reduces disturbance to contaminated soils
- Minimizes disposal costs
- Installs easily with mandrel
- Reduces overall project costs
- Light weight material handling
- Low freight cost to site

