

Liner Life Expectancy

Liner Material	Life Expectancy
HDPE	>36 years (ongoing)
LLDPE-R	~36 years (halflife*)
PVC	~18 years (halflife*)

GRI White Paper #6 on Geomembrane Lifetime Predictions: Unexposed and Exposed Conditions by R. Koerner, Hsuan & G. Koerner 2005, updated 2011

* Term "halflife" means an anticipated 50% reduction value in strength or elongation.