



Geomembrane / Liner Selection Guide

MATERIAL FEATURES	LLDPE	HDPE	PVC	DURASKRIM	SPECIALTY LINERS
Thickness	20, 30, or 40 mil	20-120 mil	20-60 mil	6-45 mil	Call for more info on: ▶ Absolute Barrier™ ▶ XR5® ▶ Petrogard™
Material	Linear Low Density Polyethylene	High Density Polyethylene	Polyvinyl Chloride	Tear resistant, reinforced scrim laminated between two sheets of High-Strength Polyethylene.	
Sizes	Custom Available	22' wide large rolls	Custom Available	Custom Available	Custom Available
Overview and Uses	Excellent outdoor longevity. Potable water containment.	Excellent for heavy duty liner applications	Contractor friendly available in potable, fish grade, oil resistant. Hazardous containment applications.	Solution for even the most challenging projects. Enhanced strength, excellent tear resistance & outdoor life.	Specialized for fuel/oil containment. Excellent for chemically caustic applications.
Installation and Handling	Flexible to conform to uneven surfaces.	Tough, rigid liner usually welded onsite by certified installers.	Very flexible, easy to self install using glue or solvent. Critical application may require other installation.	Available in large, manageable factory welded panels.	Varies depending on product and jobsite. Call for more information.
Performance	High elongation, tear resistance, and burst strength.	High UV protection allows it to be uncovered for extended time.	Excellent puncture, abrasion and chemical resistance; anti-slip properties.	UV and carbon black content. Exceptional dimensional stability, anti-slip properties.	Maximum performance with extreme puncture, chemical and tear resistance.
APPLICATIONS	LLDPE	HDPE	PVC	DURASKRIM	SPECIALTY LINERS
Decorative Ponds	✓				Frac Pit Liner Frac Tank Liner Oil Field Waste Pits Salt Water Pits Acid Solutions Radon Barrier Methane Barrier Waste Water Treatment Also used as a Protective Liner around geofoam to prevent exposure to petrochemicals in road stabilization applications. Please call for assistance in choosing the appropriate product for your application.
Oilfield Pit Liner	✓				
Golf Course Ponds	✓				
Remediation	✓	✓			
Vapor Retarder	✓				
Canal Liner	✓	✓			
Interim Landfill Cover	✓	✓			
Rain Storage Units	✓		✓		
Mine Tailing Pond	✓		✓	✓	
Pipe Penetrations			✓		
Detention Basin	✓		✓		
Soil Pile Cover	✓			✓	
Landfill Liner	✓			✓	

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