



# LINEAR LOW-DENSITY POLYETHYLENE (LLDPE)

## TRUSTED PROTECTION WITH LINEAR LOW-DENSITY POLYETHYLENE GEOMEMBRANES WHEN LINER FLEXIBILITY IS A PRIORITY

Linear Low-Density Polyethylene (LLDPE) is a widely used industry-standard geomembrane for various applications. With more flexibility than High-Density Polyethylene (HDPE), it is often used when flexibility is a design priority over the wider range of chemical resistance and rigidity offered by HDPE. LLDPE offers a more economical solution for a broad range of containment needs, including oil and gas sites, wastewater systems, and soil remediation. It is commonly used as pond liners, above-ground storage tank liners, and components in soil caps and closures.



### ADAPTABLE TO TERRAIN

LLDPE flexes to fit irregular terrain and shifting subgrades, resisting stress cracking and damage—ideal for sites with ground movement or settlement, reducing costly repairs.



### IDEAL FOR PREFABRICATION

Shop welding and prefabrication reduces field seams, shortens construction durations and lowers associated cost impact, while improving the quality control process overall.



### HIGH TENSILE STRENGTH

High tensile and tear strength with excellent puncture resistance for durability under mechanical stress and protection against sharp objects.