



PRESS RELEASE
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Engineered Polymer Technologies Introduces New String-Reinforced LLDPE Geomembrane to Meet Growing Demand by Fabricators and installers

Hillside, NJ – To meet the growing demand for Linear Low Density Polyethylene (LLDPE) by geomembrane fabricators and installers, EPT has announced a string-reinforced LLDPE fabric with the specific properties required for these types of applications. LLDPE has been in increasing demand due to its superior flexibility and better layflat versus High Density Polyethylene (HDPE). EPT has specially formulated its LLDPE fabric for high resistance to chemicals and UV, and offers the material with a puncture- and tear-resistant string-reinforced scrim. It is ideal for use in solid and hazardous waste landfills, C & D landfills, mining and industrial and municipal water and wastewater treatment. The material, sold in jet black with a matte finish on both sides is available in widths up to 10 feet, in 30, 36 and 45 mil, for easy and efficient fabrication. A unique, embossed textured finish for improved traction will be available early next year in all thicknesses.

“ There has been increasing interest in LLDPE from our customers. We are excited to introduce a high quality LLDPE composite membrane that combines the flexibility, chemical properties, puncture and tear strength needed for demanding geomembrane applications,” stated Mike Satz, president of Engineered Polymer Technologies (EPT). “We are confident this LLDPE membrane will strengthen our portfolio of successful US made polymer fabrics and films, and meet the requirements of fabricators and installers,” added Satz.

Both HDPE and LLDPE are polyolefins, and have excellent chemical resistance properties, making them common choices for both primary and secondary containment. However, unlike HDPE, LLDPE is flexible enough to be fabricated ahead of time, welded and tested on a dry floor under controlled conditions. The advantages of this process include accelerated and more consistent welding, greater peel adhesion and bonded seam shear values, and reduced construction quality assurance (CQA) expenses.

EPTs XTRM Ply® geomembranes are made in the USA and sold direct or through fabricators and installers. We offer the most complete portfolio of geomembrane fabrics in the industry, including EIA/KEE, PVC (reinforced and unreinforced), string-reinforced LLDPE and polyurethane (TPU.) All fabrics are available in up to 10 foot widths, allowing fabricated panels with up to 80% less field seams, saving time and expense. For more information on our new string-reinforced LLDPE and other geomembrane fabrics, contact EPT at 908-508-0011 or visit us at epttech.com/geomembranes for a sample request.