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The Liner Company

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30 Mil Dimpled Textured Polyethylene
SPECIFICATIONS

TYPICAL APPLICATIONS: Temporary Covers · Pond Liners · Coal Mining · Exposed Applications
Exposed Applications · Oil and Gas · Modular Tank Liners
Landfill Caps · Waste Disposal Liners ·Canal Liners · Fish Farm Applications

Textured Scrim Reinforced Polyethylene provides design engineers with new solutions for the most challenging projects. The texture provides increased friction between various soil and geosynthetic layers allowing for steeper slope designs. This is ideal for applications requiring exceptional slope stability such as landfill caps, mining leach pads and containment ponds.

30DT1 is linear a low density polyethylene geomembrane reinforced with a heavy encapsulated 1300 Denier polyester reinforcement. In addition to excellent dimensional stability the tri-directional reinforcement provides exceptional tear and tensile strength. This membrane is formulated with thermal and UV stabilizers to assure a long service life..

All factory and field seams are thermally welded.

Material:

Thickness ± 10%	ASTM D-5199	.030"	Asperity Height		24 Mil
Weight	ASTM D-5261	125 lbs/MSF	Construction	Extrusion laminated with scrim reinforcement	
			Water Absorption (max % weight change)	ASTM D-471	<1%
Grab Tensile Strength	ASTM D-7004	150 lbs	UV Resistance (Xenon Arc, 15,120 kj/m^2 total radiant exposure)	ASTM G-155	PASS
Grab Tensile Elongation	ASTM D-7003	50 %			
			Factory Fabricated Seams:		
Tongue Tear	ASTM D-5884	50 lbs	Peel Strength (lbs/in, min)	ASTM D-7747(A)	20
			Shear Strength (lbs/in, min)	ASTM D-7747(B)	200
CBR Puncture Resistance	ASTM D-6241	375 lbs			

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