



The Liner Company

SOLUTIONS

ENVIRONMENTAL PROTECTION, INC.

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TYPICAL APPLICATIONS:

Containment Ponds

Landfill Caps

Mining Tailing Ponds

Waste Lagoon

Oilfield

Fracking

High Strength Scrim Reinforced Polyethylene

	High Strength Scrim Reinforced Polyethylene Material Properties				
STYLE	ASTM	30 Smooth	45 Smooth	36 Textured	45 Textured
Thickness		27 mil	40 mil	32 mil	40 mil
Tensile Strength	D7003	MD 165 lb TD 159 lb	MD 178 lb TD 170 lb	MD 182 lb TD 148 lb	MD 198 lb TD 169 lb
Tensile Elongation at Break % (Film)	D7003	MD 480 lb TD 430 lb	MD 520 lb TD 470 lb	MD 415 lb TD 306 lb	MD 350 lb TD 309 lb
Tensile Elongation at Break % (Scrim)	D7003	MD 32 lb TD 32 lb	MD 32 lb TD 32 lb	MD 32 lb TD 32 lb	MD 32 lb TD 32 lb
Tongue Tear Strength	D5884	MD 185 lb TD 160 lb	MD 140 lb TD 120 lb	MD 168 lb TD 130 lb	MD 148 lb TD 126 lb
Grab Tensile (Scrim Break)	D7004	MD 260 lb TD 245 lb	MD 260 lb TD 245 lb	MD 310 lb TD 285 lb	MD 315 lb TD 300 lb
Grab Tensile Elongation at Break % (Scrim)	D7004	25	25	24	24
High Pressure OIT (HPOIT)	D5885	1000 min	1000 min	1000 min	1000 min
Puncture Resistance	D4833	85	120	124	120
Max/Min Use Temp		180°F -70°F	180°F -70°F	180°F -70°F	180°F -70°F

Preserving water resources for future generations