

ProFlex - Textured

High Performance Textured Geomembrane

An LLDPE geomembrane with a textured surface on one or both sides used in applications that require increased frictional resistance, flexibility and elongation properties.

ProLine High Performance ProFlex Textured is produced using a calendared film process to create a consistent (LLDPE) geomembrane. It is manufactured from the highest quality resin specifically formulated for flexible geomembranes. This product is used in applications that require increased frictional resistance, flexibility and elongation properties where differential or localized subgrade settlements may occur such as in a landfill closure or steep-sloped pits.

These Product Specifications Exceed GRI GM17

Product Specifications			Minimum Average Value
Property Tested	Test Method	Frequency	30 mil
Thickness, Mil Lowest individual Reading	ASTM D 5199	Every Roll	30 27
Density, g/cm ³	ASTM D 1505	200,000 lbs	0.915-0.926
Tensile Properties (each direction) Strength at Break, lb/in-width Elongation at Break, %	ASTM D 6693, Type IV Dumbell, 2 ipm G.L. 2.0 in	20,000 lbs	45 250
Tear Resistance, lb	ASTM D 1004	45,000 lbs	16
Puncture Resistance, lb	ASTM D 4833	45,000 lbs	33
Carbon Black Content ³ , % (Range)	ASTM D 1603*/4218	20,000 lbs	2.0 - 2.5
Carbon Black Dispersion	ASTM D 5596	45,000 lbs	Note 1
Oxidative Induction Time, mins	ASTM D 3895 200°C; O ₂ , 1atm	200,000 lbs	> 100
Asperity Height, mil	ASTM D 7466	Second Roll	20-25

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