

SAFE SEAL WRAP

2mm LLDPE Single Textured Flooring



Safe Seal's Single Textured LLDPE Geomembrane is a premium 2.0 mm containment liner for environmental, civil, mining, and industrial applications. With a textured surface for improved traction and high resistance to puncture, tearing, weathering, and UV exposure, it provides durable, long-term protection for critical containment projects while meeting GRI GM13 performance standards.

MATERIAL:	Polyethylene
COLOR:	Black
THICKNESS:	2.0 mm

Precautions:

Handle and install with care to avoid punctures or damage. Ensure all seams are properly welded and tested to maintain a secure containment system.

Applications:

Suitable for environmental, civil, mining, industrial, and agricultural containment applications, including ponds, landfills, wastewater, and secondary containment systems.

TEST ITEM		STANDARD VALUE	TESTING VALUE
AVERAGE THICKNESS (MM)		≥ 2.0	2.03
ASPERITY HEIGHT (MM)		≥ 0.4	0.43
DENSITY (MAX) (G/CM ³)		≤ 0.939	0.93841
YIELD STRENGTH (N/MM)	MD	≥ 22	31.2
	CD	≥ 22	32.6
YIELD ELONGATION (%)	MD	≥ 12	13.2
	CD	≥ 12	12.4
BREAKING STRENGTH (N/MM)	MD	≥ 21	35.2
	CD	≥ 21	36.8
BREAKING ELONGATION (%)	MD	≥ 250	608
	CD	≥ 250	621
TEAR STRENGTH (N)	MD	≥ 200	250
	CD	≥ 200	253

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TEST ITEM	STANDARD VALUE	TESTING VALUE
PUNCTURE RESISTANCE (N)	≥ 400	613
STANDARD OXIDATIVE INDUCTION TIME (MIN)	≥ 100	171
CARBON BLACK CONTENT (%)	2.0–3.0	2.32
2% MODULUS (MAX.) (N/MM)	840	835
AXI-SYMMETRIC BREAK RESISTANCE STRAIN (MIN.) (%)	30	31.2
CARBON BLACK DISPERSION	9 in categories 1 or 2 and approved, 1 in 3 category	PASS
OXIDATIVE INDUCTION TIME (MIN. AVE.) STANDARD OIT – MIN. (MIN)	100	120
OVEN AGING AT 85°C STANDARD OIT (MIN. AVE.) – % RETAINED AFTER 90 DAYS (%)	35	35
UV RESISTANCE HIGH PRESSURE OIT (MIN. AVE.) – % RETAINED AFTER 1600 HRS (%)	35	35
THE INTERNATIONAL STANDARD BEING TESTED TO IS: GRI GM 13		