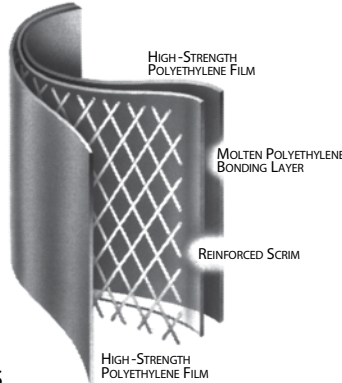


Product Description

Geo Grain™ is an economical, reinforced film designed for agricultural applications requiring puncture resistance and high tear strengths.

A heavy-duty scrim reinforcement, laminated between two layers of virgin high-strength polyethylene film, results in a material that resists punctures and immediately stops tears. Geo Grain™ 6 is the first choice for applications requiring greater performance than common 6 and 10 mil C&A plastic sheeting.



Product Use

Geo Grain™ is used in short to mid-term storage cover applications requiring a light weight, tear-resistant, reinforced film. The white side of Geo Grain™ is UV stabilized for outdoor longevity and is an excellent choice for agricultural covers requiring minimal heat build up and condensation.

Size & Packaging

Geo Grain™ is available in a variety of widths and can be custom built in any size or length. Panel sizes up to 100,000 square feet are available. All panels are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time-saving installation.



Grain Covers

Product

Part

Geo Grain™	GGR6WBK
Geo Grain™	GGR8WBK
Geo Grain™	GGR12WBK

APPLICATIONS

Grain Covers	Silage Covers
Construction Covers	Temporary Walls
Temporary Erosion Control	Fumigation Covers
Remediation Covers	Hay Covers



PROPERTIES	TEST METHOD	GEO GRAIN GGR6WBK		GEO GRAIN GGR8WBK		GEO GRAIN GGR12WBK	
		IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
APPEARANCE		Black/Black		Black/Black or White/Black		Black/Black or White/Black	
THICKNESS, NOMINAL		6 mil	0.15 mm	8 mil	0.20 mm	12 mil	0.30 mm
WEIGHT		24 lbs/MSF 3.5 oz/yd ²	117 g/m ²	38 lbs/MSF 5.5 oz/yd ²	185 g/m ²	58 lbs/MSF 8.4 oz/yd ²	283 g/m ²
CONSTRUCTION		Extrusion laminated with scrim reinforcement					
TENSILE STRENGTH lbf/in. (N/cm)	ASTM D7003	60 lbf	105 N	60 lbf	105 N	64 lbf	112 N
ELONGATION AT BREAK	ASTM D7003	450 %	450 %	600 %	600 %	650 %	650 %
GRAB TENSILE	ASTM D7004	75 lbf	333 N	80 lbf	356 N	100 lbf	445 N
*TRAPEZOID TEAR	ASTM D4533	43 lbf	193 N	52 lbf	230 N	63 lbf	282 N
MULLEN BURST	ASTM D751	60 psi	413 kPa	70 psi	482 kPa	100 psi	689 kPa
MAXIMUM USE TEMPERATURE		180°F	82°C	180°F	82°C	180°F	82°C
MINIMUM USE TEMPERATURE		-70°F	-57°C	-70°F	-57°C	-70°F	-57°C
WVTR	ASTM E96 Method A	0.03 g/100in ² /day	0.5 g/m ² /day	0.03 g/100in ² /day	0.46 g/m ² /day	0.023 g/100in ² /day	0.35 g/m ² /day
PERM RATING	ASTM E96 Method A	0.07 Perms g/(ft ² ·hr·in·Hg)	(0.05) Perms g/(24hr·m ² ·mm Hg)	0.066 Perms g/(ft ² ·hr·in·Hg)	(0.044) Perms g/(24hr·m ² ·mm Hg)	0.051 Perms g/(ft ² ·hr·in·Hg)	(0.034) Perms g/(24hr·m ² ·mm Hg)

*Tests are an average of diagonal directions.

Geo Grain™ Storage Covers are reinforced with a diamond shaped web of high tenacity polyester cord to meet the strength requirements of a large cover exposed to demanding weather conditions. A bright white top-layer provides excellent protection from ultraviolet rays and reflects sunlight to minimize heat build-up and help prevent spoilage. The reverse side consists of a black opaque layer of puncture resistant polyethylene to prevent light transmission from reaching the pile.

Note: To the best of our knowledge, unless otherwise stated, these are typical property values and are intended as guides only, not as specification limits. Chemical resistance, odor transmission, longevity as well as other performance criteria is not implied or given and actual testing must be performed for applicability in specific applications and/or conditions. GEOCHEM, INC. MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage.