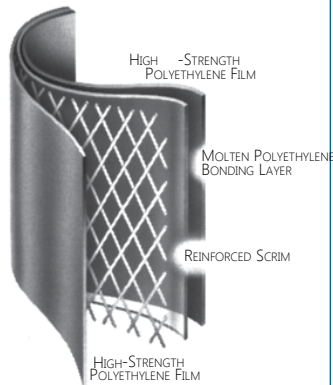


GEOGRAINMAX™ GM, GMP, GMU

FOUR-LAYER REINFORCED STORAGE COVERS

PRODUCT DESCRIPTION

The GeoGrainMax™ Series includes economical, reinforced films designed for agricultural applications requiring puncture resistance and high tear strengths. A heavy-duty scrim reinforcement, laminated between two layers of high strength polyethylene film, results in a material that resists punctures and immediately stops tears. GeoGrainMax™ Storage Covers are produced with our patented GEOSKRIM® string reinforced material.



PRODUCT USE

GeoGrainMax™ GM is a durable lightweight cover designed for short term cover applications with longevity expectations up to 12 months.

GeoGrainMax™ GMP is our most popular cover and an excellent choice for mid-term applications.

GeoGrainMax™ GMU is our heaviest scrim reinforced grain cover designed with exceptional tear and puncture strengths to withstand more demanding conditions for up to 2 years of service.

All GeoGrainMax™ covers are UV and thermally stabilized and contain a white outer surface to minimize heat buildup and condensation. GeoGrainMax™ covers are available in a wide range of shapes and sizes. User friendly options include our easy to install RainFlap™ joining system, a reinforced YokeLift™ depending upon the application and a Fortress® Internal Strap System for added security.

SIZE & PACKAGING

The GeoGrainMax™ Series 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

GeoGrainMax™	GMWBK
GeoGrainMax™ Pro	GMPWBK
GeoGrainMax™ Ultra.....	GMUWBK

APPLICATIONS

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



GEOGRAINMAX™

GM, GMP, GMU

FOUR-LAYER REINFORCED EXTRUSION LAMINATE

PROPERTIES	TEST METHOD	GEOGRAINMAX		GEOGRAINMAX PRO		GEOGRAINMAX ULTRA	
		IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
APPEARANCE		White/Black		White/Black		White/Black	
WEIGHT		27 lbs/MSF 3.9 oz/yd ²	132 g/m ²	38 lbs/MSF 5.5 oz/yd ²	185 g/m ²	45 lbs/MSF 6.5 oz/yd ²	220 g/m ²
CONSTRUCTION		Extrusion laminated with scrim reinforcement					
² 1" TENSILE STRENGTH	ASTM D7003	60 lbf/in	105 N/cm	62 lbf/in	108 N/cm	72 lbf/in	126 N/cm
² ELONGATION AT FILM BREAK	ASTM D7003	500 %	500 %	500 %	500 %	500 %	500 %
² ELONGATION AT SCRIM BREAK	ASTM D7003	15 %	15 %	15 %	15 %	15 %	15 %
² GRAB TENSILE	ASTM D7004	75 lbf	333 N	84 lbf	374 N	90 lbf	400 N
³ TONGUE TEAR	ASTM D5884	27 lbf	120 N	39 lbf	173 N	41 lbf	182 N
CBR PUNCTURE RESISTANCE	ASTM D6241	188 lbf	836 N	208 lbf	925 N	240 lbf	1068 N
MULLEN BURST	ASTM D751	50 psi	345 kPa	80 psi	552 kPa	94 psi	648 kPa
MAXIMUM STATIC USE TEMP		180° F	82° C	180° F	82° C	180° F	82° C
MINIMUM STATIC USE TEMP		-70° F	-57° C	-70° F	-57° C	-70° F	-57° C
WVTR	ASTM E96 Procedure B	0.018 grains/(ft ² -hr)	0.293 g/(m ² -day)	0.016 grains/(ft ² -hr)	0.274 g/(m ² -day)	0.013 grains/(ft ² -hr)	0.221 g/(m ² -day)
PERM RATING	ASTM E96 Procedure B	0.042 Perms g/(24hr-m ² -mm Hg)	0.028 Perms g/(24hr-m ² -mm Hg)	0.039 Perms g/(24hr-m ² -mm Hg)	0.026 Perms g/(24hr-m ² -mm Hg)	0.031 Perms g/(24hr-m ² -mm Hg)	0.020 Perms g/(24hr-m ² -mm Hg)

The GeoGrainMax™ Series includes economical, reinforced films designed for agricultural applications requiring puncture resistance and high tear strengths. GeoGrainMax™ GM is a durable lightweight cover designed for short term cover applications with longevity expectations of up to 12 months. GeoGrainMax™ GMP is our most popular cover and an excellent choice for a mid-term applications. GeoGrainMax™ GMU is our heaviest scrim reinforced grain cover designed with exceptional tear and puncture strengths to withstand more demanding conditions for up to 2 years of service.

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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.

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