

Product Description

GEO VEX® GV12WB is a reinforced plastic sheeting manufactured by weaving high-density polyethylene ribbons and coating them with a low-density polyethylene. This special weaving process produces a highly tear-resistant film which allows the ribbons to shift and “bunch up” in response to a tearing force.

GEO VEX® GV12WB is coated on one side with black low-density polyethylene and white low-density polyethylene on the other side. The black side maximizes longevity while the

Product Use

GEO VEX® is commonly used for applications requiring exceptional tear resistance and minimal weight.

GEO VEX® GV12WB performs well in outdoor applications because of the carbon black content in both the ribbon reinforcement and the black outer layer coating. The white side is protected with ultra violet inhibitors to enhance outdoor life.

Size & Packaging

GEO VEX® GV12WB is available in up to 90,000 square foot panels. All panels for these products are accordion folded and rolled on a heavy-duty core. This allows for easier handling and time-saving installation.



Outdoor Storage Covers

Product	Part #
GEO VEX	GV12WB

APPLICATIONS

Remediation Liners	Ditch Liners
Remediation Covers	Pit Liners
Long-Term Storage	Temporary Erosion Control
Cargo Covers	Outdoor Coverings
Equipment Covers	Silage Covers

		GEO VEX GV12WB	
PROPERTIES	TEST METHOD	Imperial	Metric
APPEARANCE		Black/White	
THICKNESS, NOMINAL		12 mil	0.31 mm
WEIGHT		44 lbs/MSF 6.3 oz/yd ²	21.5 g/m ²
*TENSILE STRENGTH lbf/in. (N/cm)	ASTM D751	131 lbf	583 N
*ELONGATION AT BREAK	ASTM D751	40 %	40 %
*GRAB TENSILE	ASTM D751	160 lbf	712 N
*TONGUE TEAR	ASTM D751	72 lbf	346 N
*TRAPEZOID TEAR	ASTM D4533	44 lbf	196 N
PUNCTURE RESISTANCE	FTMS 101C Method 2065	66 lbf	294 N
DIMENSIONAL STABILITY	ASTM D1204	-3 %	-3 %
MULLEN BURST	ASTM D751	350 psi	2412 kPa
MAXIMUM USE TEMPERATURE		180°F	82°C
MINIMUM USE TEMPERATURE		-70°F	-57°C
WVTR	ASTM E96 **Method A	0.018 g/100in ² /day	0.28 g/m ² /day
PERM RATING	ASTM E96 **Method A	0.040 Perms grains/(ft ² ·hr·in·Hg)	0.027 Perms g/(24hr·m ² ·mm Hg)

* Tests are an average of machine direction and transverse directions.

**All testing was performed at 73°F and 50% relative humidity.

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.