

PRODUCT DESCRIPTION

GeoMat™ GM60 is a unique textured geocomposite manufactured with a premium grade linear-low density polyethylene textured outer layer laminated to a black needle punched protective fabric. Thermal stabilizers in the textured geomembrane provide long-term protection from oxidation and ultraviolet degradation. GeoMat™ GM60 contains VIAFLEX's exclusive GeoGrip™ surface texturing manufactured utilizing a cast extrusion process to achieve consistent core thickness with uniform asperity heights. The GeoGrip™ surface texturing consists of durable random spikes with bidirectional bars to provide uniform stabilization and an increased friction between various soil and geosynthetic layers allowing for steeper slope designs. The fabric surface of GeoMat™ GM60 provides for an exceptionally high impact strength, abrasion and slip resistance. The outer edges are designed for ease of heat sealing in the factory or field for a water tight seam.

PRODUCT USE

GeoMat™ GM60 is used in a variety of high traffic applications requiring slip resistance, as well as for surface protection requiring high tear and impact strengths. Typical applications include rig-site pad containment liners, canal lining, secondary containment, and surface protection. VIAFLEX GeoMat™ GM60 textured geocomposite eliminates the need to install individual containment liners with separate protection/absorption layers.

SIZE & PACKAGING

GeoMat™ GM60 is available in seamless 12' widths or produced in a wide variety of sizes to meet your project requirements. Factory welded panels are produced in a quality controlled environment and are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time saving installation.

GEOMAT™



Rig-Site Pad Liner

PRODUCT

PART

GeoMat..... GM60

APPLICATIONS

Rig-Site Pad Liner	Canal Liners
Secondary Containment	Landfill Caps
Surface Protection	Remediation Pad

GEOMAT™ GM60

TEXTURED GEOCOMPOSITE MEMBRANE

GEOMAT™ GM60

PRO-FORMA DATA SHEET

PROPERTIES	TEST METHOD	IMPERIAL	METRIC
		TYPICAL	TYPICAL
WEIGHT	ASTM D751	105 lbs/msf	515 g/m ²
THICKNESS	ASTM D5199	> 60 mil	1.5 mm
ASPERITY HEIGHT	ASTM D7466	22 mil	0.86 mm
GRAB TENSILE AT BREAK ²	ASTM D7004	300 lbf	1330 N
TENSILE ELONGATION AT BREAK ²	ASTM D7004	50 %	50 %
TONGUE TEAR	ASTM D751	55 lbf	244 N
PUNCTURE RESISTANCE	ASTM D4833	165 lbf	730 N
MAXIMUM STATIC USE TEMPERATURE		180° F	82° C
MINIMUM STATIC USE TEMPERATURE		-70° F	-57° C

² Tests are an average of primary reinforcement directions.

PRO-FORMA SHEET CONTENTS: The data listed in the Pro-Forma data sheet is representative of initial production runs. These values may be revised at anytime without notice as additional test data becomes available.

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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. VIAFLEX 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. Limited Warranty available at www.viaflex.com

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