

PRODUCT DESCRIPTION

GeoFlex™ HT30 & HT40 are co-extruded textured linear-low-density polyethylene (LLDPE) geomembranes containing carbon black and ultraviolet inhibitors to ensure protection against harmful UV degradation. HT Series one-side textured LLDPE provides increased friction, elongation and flexibility. Available in black and black/gray color options with the gray side providing a cooler surface against contrasting colors and a vital function for ease of damage detection during installation.

PRODUCT USE

GeoFlex™ HT30 & HT40 are used in applications demanding increased friction resistance characteristics in sloped areas. These highly flexible geomembranes will conform to uneven subgrades.

SIZE & PACKAGING

GeoFlex™ HT30 can be fabricated into panels up to 35,000 sq. ft. GeoFlex™ HT40 can be fabricated into panels up to 25,000 sq.ft. All panels are accordion folded and rolled on a heavy duty core for ease of handling and time saving installation.



Reservoir Liner

PRODUCT

PART

GeoFlex™.....	HT30B
GeoFlex™.....	HT40B
GeoFlex™.....	HT30BG
GeoFlex™.....	HT40BG

APPLICATIONS

Oilfield Pit Liners	Leachate Collections Ponds
Well Pad Liners	Brine Ponds
Secondary Containment	Canal and Frac Reservoir Liners
Waste Lagoon Liners	Landfill Caps
Farm Ponds	Golf Course Ponds
Soil Remediation Liners	Frac Reservoir Liners

PRO-FORMA DATA SHEET

PROPERTIES	TEST METHOD	GEOFLEX™ HT30	GEOFLEX™ HT40
		TYPICAL ROLL AVG.	TYPICAL ROLL AVG.
APPEARANCE		Black & Black/Gray	Black & Black/Gray
THICKNESS, NOMINAL	ASTM D5994	30 mil	40 mil
WEIGHT		150 lbs/MSF	200 lbs/MSF
ASPERITY HEIGHT	ASTM D7466	10 mil	10 mil
TENSILE STRENGTH	ASTM D6693	69 lb/in	79 lb/in
² ELONGATION AT FILM BREAK	ASTM D6693	350 %	350 %
² TEAR RESISTANCE	ASTM D1004	17 lbf	24 lbf
PUNCTURE RESISTANCE	ASTM D4833	36 lbf	48 lbf
IMPACT RESISTANCE	ASTM D1709	< 2520 grams	< 2920 grams
VOLATILE LOSS	ASTM D1203	< 1 %	< 1 %
DIMENSIONAL STABILITY	ASTM D1204	< 2 %	< 2 %
CARBON BLACK (BLACK LAYERS ONLY)	ASTM D1603	> 2.0 %	> 2.0 %
MAXIMUM STATIC USE TEMPERATURE		180° F	180° F
MINIMUM STATIC USE TEMPERATURE		-70° F	-70° F

² Tests are an average of primary reinforcement directions.

PRO-FORMA Sheet Contents:

The test values listed in this Pro-Forma data sheet are representative of initial production runs. These values may be revised at anytime without notice as additional test data becomes available.

GeoFlex™ HT30 & HT40 are co-extruded textured linear-low-density polyethylene (LLDPE) geomembranes containing carbon black and ultraviolet inhibitors to ensure protection against harmful UV degradation. The gray color on the top layer of HT30BG and HT40BG minimizes thermal expansion while providing a cooler surface contrasting colors also provide a vital function for ease of damage detection during the installation process. HT Series Textured LLDPE provides increased friction, elongation and flexibility.

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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