



Plastatech[®]
Tech 7[®]
Geomembrane

Plastatech[®] Tech 7[®] geomembrane is our toughest membrane yet. It is designed to remain strong in harsh environments, helping to contain a variety of chemicals and pollutants commonly found in water treatment operations. Reinforced with a high-tenacity, anti-wicking, polyester scrim that provides exceptional dimensional stability, puncture strength and durability, this geomembrane delivers a cohesive bond between the high-thread-count scrim and film, creating a non-separable, long-lasting adhesion.

Tech 7 is available in black 40 mil thickness.

Uses

- Wastewater containment
- Secondary containment
- Secondary lining
- Landfill covers
- Containment ponds

Installation

Plastatech Tech 7 will perform satisfactorily when properly field fabricated and incorporated into an installation over a suitable base of pre-consolidated soil.

Contact Plastatech for installation instructions.

Warranty

Contact Plastatech for warranty details.

Storage

Store rolls lengthwise on pallets. Use tarps to keep rolls dry. Keep out of direct sunlight and weather.



Physical Properties

Plastatech Tech 7 has been subjected to the following tests.

	TEST METHOD	UNITS	40 MILS
Finished Weight	ASTM D751	oz/yd ²	43.18
Thickness	ASTM D751	mils	49 ± 5%
Breaking Strength	ASTM D751	lbf/in.	696 MD/655 CMD
Tear Strength	ASTM D751	lbf	349 MD/187 CMD
Low Temperature Bend	ASTM D2136	-25° F	Pass
Dimensional Stability	ASTM D1204	%	-0.1 MD/-0.1 CMD
Blocking Resistance	ASTM D751	180° F (#2 rating)	Pass
Adhesion	ASTM D413	lbf/in.	15
Abrasion Resistance	ASTM D3389 (H-18 Wheel 1 kg Load)	(50mg/100 cycles)	Pass
		5,000 cycles	Pass
Bursting Strength	ASTM D751 Procedure A1	psi	600
Puncture Resistance	ASTM D4833	lbf	232
	Fed-Std - 101C Method 2031		416
Elongation	ASTM D751 Procedure B	%	36 MD/36 CMD
Dead Load Seam Strength	ASTM D751	240lbf/ 4h at 70°F	150
		120lbf/4h at 160°F	65
Water Absorption	ASTM D471	%	1.1
Factory Seam Strength	ASTM D751		Pass

Packaging and Color Options

Available Sizes

Plastatech Tech 7 is available in black 40 mil thickness.
Contact Plastatech for custom sizes.

	40 MILS
Thickness	40 MILS
Width	120 in. ± 0.25 in.
Length	250 yd. (750 ft.)
Roll Area	7,500 sq. ft.
Approx. Weight	2,200 lb.



CONTAIN. CONTROL. COMPLY.

For more information about Plastatech,
give us a call or visit our website today.

800-892-9358

plastatech.com

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