



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.

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	g/ft ²	130
Thickness	ASTM D751	mils	49.5 ± 5%
Base Fabric Weight	ASTM D3776	oz/yd ²	7
Tongue Tear Strength	ASTM D751	lbf	349 MD/187 CMD
Low Temperature Bend	ASTM D2136	-25 F	Pass
Adhesion	ASTM D413	lbf/in.	15
Tensile Strength	ASTM D751	lbf/in	696 MD/655 CMD
Bursting Strength	ASTM D751 Ball Tip Method	lbf	558
Hydrostatic Resistance	ASTM D751 Procedure A	psi	600
Trapezoid Tearing Strength	ASTM D4533	lbf	151 MD/ 203 CMD
Puncture Strength	ASTM D4833/D4833M	lbf	232
Coefficient of Thermal Expansion	ASTM D696	in./in./degree F	8
Weathering Resistance	ASTM G154	hrs.	19,000
Bonded Seam Shear Strength	ASTM D751	lbf	150
Elongation	ASTM D751 Grab Test Method		36 MD/ 36 CMD

Packaging and Color Options

Available Sizes

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

Thickness	40 MILS
Width	120 in. ± 0.25 in.
Length	200 ft.
Roll Area	2,000 sq. ft.
Approx. Weight	590 lb.



CONTAIN.CONTROL.COMPLY.

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

800.892.9358

plastatech.com

Plastatech 725 West Morley Drive | Saginaw, MI 48601 | 800.892.9358 | plastatech.com

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