

# SPRAY-APPLIED LINER SYSTEMS

When complex detail work is required, spray-applied geomembrane materials are your first choice. In retrofits of existing secondary containment tank farm liner and primary tank relining, and in areas where multiple pipes need to penetrate the liner, a spray-applied material is often your best option.

Formulated to resist many complex chemicals, often at high service temperatures, spray-applied geomembranes encapsulate details with a seamless liquid barrier that dries solid. Since Layfield provides both spray-applied and sheet-type liners, we have developed proprietary methods for adhering spray-applied and sheet-type materials together to provide an effective containment system for almost any application.

April 2023		Polyurea Spray-Applied	
Material Properties	Style	ASTM	Polyurea Spray Applied
	Tensile Strength	D638	1,000 - 2,000 psi
	Elongation	D638	200 - 600%
	Tear Resistance	D624	300 - 500 ppi
	Hardness (Shore A)	D2240	63 - 100
	Hardness (Shore B)	D2240	20 - 70
	100 % Modulus	D638	350 - 1,500 psi
	Hydrostatic Resistance	D751A	300 psi 2100 kPa
	Tear Strength	D751 Tongue	70 lbs 310 N
	Low Temperature	D2136	-40°F -40°C

Note: Layfield also supplies other types of coatings for specific applications. Please contact Layfield for more information.

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