

The CSPE (Hypalon) series of geomembranes are known for their exceptional longevity and durability against UV and Ozone exposure along with resistance to a wide variety of organic and inorganic chemicals. Its reinforced properties allow it to retain flexibility in freeze/thaw conditions and resist the elements better than any known material. These characteristics make CSPE an excellent lining choice for many exposed applications such as floating covers and exposed lagoons.

- Industrial Waste
- Pond & Lake Liners
- Drop-In Tank Liners
- Exposed Lagoons
- Floating Covers
- Reservoirs
- Clearwells
- Potable Water Storage
- Golf Course Ponds & Lakes
- Wastewater Lagoons

Certified Properties – Typical Values

	ASTM	36 mil	45 mil	60 mil
Thickness – Overall Over Scrim	D-751	36 Mil 11 Mil	45 Mil 15 Mil	60 Mil 18 Mil
Breaking Strength	D-751 Grab Method	280 lbs	320 lbs	400 lbs
Elongation at Break (% min.)	-	90%	110%	85%
Tear Propagation (Pounds min.)	D-751 Tongue Tear, 8x8 Sample	90 lbs	100 lbs	180 lbs
Hydrostatic Pressure (min. resistance, psi)	D-751 Method A, Procedure I	425 psi	425 psi	600 psi
Puncture Resistance (pounds typical)	FTMS 101B Method 2031	240 lbs	275 lbs	400 lbs
Low Temperature	D-2136 1/8" Mandrel, 4 hrs. @-40°F	Pass	Pass	Pass
Bonded Seam Strength (pounds min.)	D-751 Modified (12 in./min)	200 lbs	225 lbs	360 lbs
Ply Adhesion (lbs./in-width min.)	D-413 Machine Method Type A (12 in./min)	10 lbs	10 lbs	10 lbs
Ozone Resistance	D-1149 1/8 Bent Loop, 100 PPHM 104°F, 7 days	Pass	Pass	Pass
Total Plies	-	3	3	5
Scrim Type	-	10x10 – 1000 D		