

Chlorosulfonated Polyethylene

CSPE HYPALON

FEATURES

- 30 year warranty available
- Reinforced - extremely durable
- Potable
- Flexible
- Colors available
- Available in custom sized panels
- Good chemical resistance
- Longterm UV rating
- Proven history
- Available in 36, 45, 60 & 90 mils

CSPE is commonly used when high strength, UV stability, and chemical resistance is required. Colorado Lining can fabricate CSPE into custom sized panels. We can supply you with your custom sized panels or facilitate a full installation with one of our certified installation crews. We want to work with you to make your job a success.

APPLICATIONS

- Pond liners
- Potable water storage - NSF 61 approved
- Baffle curtains
- Floating covers
- Drop-in tank liners
- Large tank liners
- Bladder bags

FOR MORE INFO CALL 800.524.8672



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VERSION UPDATE 02.21.17

Product Data



CSPE Material Information

Property	Test Method	M-283 3	M-284 3	M-423 3	M-237 5	M-529 5	M-530 5
Total Plies		3	3	3	3	5	5
Mil Thickness (nominal)		36	45	60	60	60	90
Plies - Reinforcing		1	1	1	2	2	2
Thickness (mils min.) 1. Overall 2. Over Scrim	ASTM D751 Optical Method	34 11	41 11	55 11	55 11	55 11	55 11
Breaking strength (pounds min.)	ASTM D751 Grab Method	200	220	270	300	400	520
Elongation at Break (%min.) Fabric Membrane		15 30	15 30	15 30	15 50	15 50	15 50
Tear Propagation (pounds min.)	ASTM D751 Tongue Tear 8x8 Sample	80	80	90	50	125	125
Hydrostatic Pressure (min. resistance, psi)	ASTM D751 Method A Procedure 1	250	250	300	300	400	500
Puncture Resistance (pounds typical)	FTMS 101B Method 231	240	250	265	287	490	530
Bonded Seam Strength (pounds min.)	ASTM D751 Modified (12 in./min)	160	160	205	250	350	500
Ply Adhesion (lbs./in-width min.)	ASTM D413 Machine Method Type A (12 in./min)	7 (or Film Tearing Bond)	7 (or Film Tearing Bond)	7 (or Film Tearing Bond)	7 (or Film Tearing Bond)	7 (or Film Tearing Bond)	7 (or Film Tearing Bond)
Ozone Resistance	ASTM D1149 1/8 Bent Loop 100 PPHM 104°F, 7 days	Pass	Pass	Pass	Pass	Pass	Pass
Low Temperature	ASTM D2136 1/8" Mandrel 4 hrs. @-40°F	Pass	Pass	Pass	Pass	Pass	Pass

Product	Mil Thickness	Plies	Scrim Type
M283	36	3	10 x 10 x 1000D
M284	45	3	10 x 10 x 1000D
M423	60	3	10 x 10 x 1000D
M237	60	5	6 x 6 x 1000D
M529	60	5	10 x 10 x 1000D
M530	90	5	10 x 10 x 1000D

These specification tables represent current opinion of the data points to characterize the membrane product as produced and are not necessarily appropriate for product performance or installation or engineering design criteria "per se." (For example, the low temperature resistance numbers represent qualities for a few minutes at a given temperature and must not be interpreted or extrapolated into installation temperature qualities or comparisons).

*Minimum specification limits are currently proposed industry standards for this type of flexible membrane product. Burke Quality Control monitoring limits for this specification are based on a minimum of 97.7% one-sided confidence level.

* Hypalon is registered trademark of DuPont for chlorosulfonated polyethylene.

FOR SALES INFORMATION

Corporate Headquarters - Denver: 800.524.8672 / 303.841.2022

Houston Office: 888.546.4641 California Office: 303.951.5942

WWW.COLORADOLINING.COM

CLI has over 35 years of experience in the geosynthetics industry, and we offer custom Design-Build solutions that are cost effective and reliable. Our services include Geomembrane and Spray Coating Materials, Custom Fabrication, and Certified Installation.