

EX-TREME™ HL13 (std)

ENGINEERED FABRIC

TECHNICAL DATASHEET

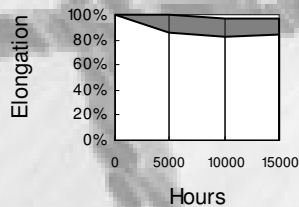
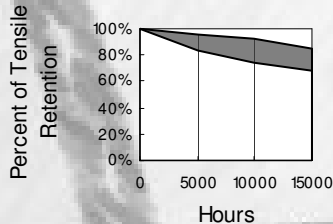


PRODUCT FEATURES

- Smooth surface finish
- Superior pinhole resistance
- Exceptional hydrostatic resistance
- Protective surface will not crack when folded
- Significantly lower heat sealing temperature
- Made with innovative **HYDRA-LOC™** technology

UV ASTM G154

- 70% tensile retention after 15,000hrs QUV³
- 80% elongation retention after 15,000hrs QUV³
- No surface cracking up to 15,000hrs QUV³



INTRODUCTION

FABRENE® **EX-TREME™ HL13** Membranes offer improved protection over traditional polyethylene shelter covers and pushes polyethylene performance to new limits. The tough and durable surface of **EX-TREME™ HL13** membranes sheds water and snow with ease. The smooth surface improves contact between bonding surfaces for more effective, energy-efficient heat sealing. This innovative fabric made with **HYDRA-LOC™** technology also offers more uniform light transmittance and superior aesthetic value.

TYPICAL PROPERTIES¹

		VALUE	TEST METHOD
Unit Weight		13.0 oz/yd ²	ASTM D3776
Nominal Thickness		24.1 mils	ASTM D5199
Tape Count	md	16 ends/in	ASTM D3775
	cd	16 ends/in	ASTM D3775
Grab Strength	md	450 lbf	ASTM D751
	cd	450 lbf	ASTM D751
Tensile Strength	md	105 lbf/in	ASTM D882
	cd	115 lbf/in	ASTM D882
Elongation at Break	md	23 %	ASTM D882
	cd	18 %	ASTM D882
Modulus of Elasticity ²	md	940 lbf/in	ASTM D882
	cd	760 lbf/in	ASTM D882
Elastic Limit	md	200 lbf/in	ASTM D882
	cd	200 lbf/in	ASTM D882
Tongue Tear	md	115 lbf	ASTM D2261
	cd	112 lbf	ASTM D2261
Trapezoid Tear	md	90 lbf	ASTM D4533
	cd	90 lbf	ASTM D4533
Hydrostatic Resistance		475 psi	ASTM D751MAP1
Mullen Burst		580 psi	ASTM D751
Thermal Resistance (R-Value)		0.06 °F-ft ² -h/Btu	ASTM C518-04
Coefficient of Friction	Static	0.27	
Performance Factor	md	0.87	CSA S367 Pending
	cd	0.84	CSA S367 Pending
Life Cycle Factor	15,000hrs	0.70	ASTM G154
Light Transmission		19 %	ASTM E903/D1494
Flame Spread	CLASS A		ASTM E84
	CLASS A		CAN-ULC S102

COLOR AVAILABILITY

EX-TREME™ HL13 Membranes are currently available in white, tan, dark blue, and dark green.

SALES INQUIRIES

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ORDER DESK

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MAILING

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