

EX-TREME™ HL13

ENGINEERED FABRIC

TECHNICAL DATASHEET

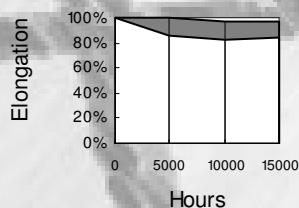
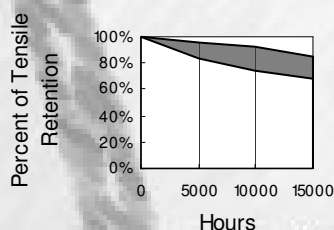


PRODUCT FEATURES

- 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		440 g/m ²	ASTM D3776
Nominal Thickness		613 microns	ASTM D5199
Tape Count	md	63 ends/10cm	ASTM D3775
	cd	63 ends/10cm	ASTM D3775
Grab Strength	md	2000 N	ASTM D751
	cd	2000 N	ASTM D751
Tensile Strength	md	40.6 kN/m	ASTM D882
	cd	45.3 kN/m	ASTM D882
Elongation at Break	md	23 %	ASTM D882
	cd	18 %	ASTM D882
Modulus of Elasticity ²	md	370 kN/m	ASTM D882
	cd	300 kN/m	ASTM D882
Elastic Limit	md	7.9 kN/m	ASTM D882
	cd	7.9 kN/m	ASTM D882
Tongue Tear	md	515 N	ASTM D2261
	cd	500 N	ASTM D2261
Trapezoid Tear	md	390 N	ASTM D4533
	cd	390 N	ASTM D4533
Hydrostatic Resistance		3280 kPa	ASTM D751MAP1
Mullen Burst		4013 kPa	ASTM D751
Thermal Resistance (R-Value)		0.01 Km ² /W	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. HL13 can also be identified as Z735 or V795.

SALES INQUIRIES

sales@fabrene.com
 (888) 322-7363 x234
 (705) 476-7057 x234
 Fax: (705) 476-7787
 www.fabrene.com

ORDER DESK

orderdesk@pginw.com
 (888) FABRENE
 (888) 322-7363 x226
 Fax: (705) 476-0665

MAILING

PGI-Fabrene Inc
 240 Dupont Road
 P.O. Box 4040
 North Bay, ON,
 CANADA, P1B 9B4

