



**MULTI-PLASTICS CANADA CO.**

Laser Compatible Window Film  
**EWF<sup>®</sup> 40LS**

EWF<sup>®</sup> 40LS is a crystal clear heat resistant envelope window film designed for specialty printing applications where heat resistance is needed. Applications include thermography and printing window envelopes on the specialty digital envelope label presses.

TECHNICAL SPECIFICATIONS	Value	Units	ASTM
Gauge Available	.00142	"	
Area Yield	14,200	in <sup>2</sup> / lb.	ASTM D4321
Tensile Strength	30,000	psi	ASTM D882
Yield Strength	15,000	psi	ASTM D882
Ultimate Elongation MD	150	%	ASTM D882
Modulus MD	500,000	psi	ASTM D 882
Coefficient of Friction (A/B) Kinetic	0.45	-	ASTM D1894
Shrinkage	MD	1.0	30 min. at 150°C
	TD	1.0	
Density	1.395	g/cm <sup>3</sup>	ASTM D1505

**Please Note:** Although the general properties of EWF 40LS are very similar to the EWF 4000 product, the 40LS manufacturing process provides a more stable and balanced product when exposed to heat during digital printing.

Digitally printed envelopes typically experience many different variables in both heat settings and dwell times. These variables occur based on the amount of print coverage, number of envelopes being printed, size of the envelope, caliper of paper stock, and brand of press being used. Due to the many combinations of variables associated with the digital printing process today, Multi-Plastics, Inc. has introduced EWF 40LS, which is more heat tolerant and a low shrink film. The EWF 40LS product can help you meet the harsh demands of the digital printing environment providing a true low shrink film.

**Important – Please Read:** The information herein is to the best of our knowledge true and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. No warranty is made or implied. Multi-Plastics, Inc. always recommends that all products be tested for “fitness of use” to cover the many variables that exist on the many different types of digital and laser printing presses in the market today.

**FOR MORE INFORMATION CONTACT OUR SALES DEPARTMENT AT 800.269.0962**