

**TYPICAL PROPERTIES OF  
40LS Laser Compatible Polyester Film**

40LS is a strong film that is puncture resistant and machines exceptionally well. It has the same general properties as 4005 with an added manufacturing process to provide a more stable and balanced product when exposed to heat during digital printing. Due to the many combinations of variables associated with the digital printing process today, 40LS is a more heat tolerant and low shrink film compared to our 4005.

Properties		Units	Value	Test Method
Thickness		gauge µm	142 35.5	ASTM D4321
Yield		in <sup>2</sup> /lb m <sup>2</sup> /kg	14,200 20.19	ASTM D4321
Tensile Strength		psi	27,000	ASTM D882
Yield Strength		psi	15,000	ASTM D882
Ultimate Elongation	MD	%	150	ASTM D882
Modulus	MD	psi	450,000	ASTM D 882
Coefficient of Friction (A/B)	kinetic	-	0.45	ASTM D1894
Shrinkage 30min @ 302°F(150°C)	MD	%	1.0	ASTM D1204
	TD		1.0	
Density		g/cm <sup>3</sup>	1.395	ASTM D1505

*Thickness & Yields may vary by +/- 10%*

*All data represents typical values by the methods indicated and should be considered so. 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.*