



FFS-50CL .001 Polypropylene

FEATURES

- excellent optics
 - high energy surface
 - excellent ink adhesion
 - broad seal range layer
 - approved for direct food contact , as covered in particular CFR 177.1520
- CFIA No objection for direct food contact

DESCRIPTION: FFS-50CL is a co-extruded, heat sealable, biaxially oriented film that is available one side treated. FFS-50CL can be used unsupported or supported in a lamination application.

APPLICATIONS: This film is designed for use on both vertical and horizontal form fill and seal machines for the over wrapping of inserts (coupons), nuts, confectioneries, baked goods, snacks or personal care items.

FDA APPROVAL: for direct and indirect food contact as covered in particular under chapter 21. section 177.1520 and section 178.3130

CFIA APPROVAL: Non objection for direct food contact.

PHYSICAL PROPERTIES:

<u>Property</u>	<u>Units</u>	<u>Testing Method</u>	<u>Gauge</u>
Gauge	mil		.001
WVTR	g/100 sq in/24 hrs	ASTM F1249 (100degF, 100%RH)	0.41
OTR	cc/100 sq in/24 hrs	ASTM D3985 (72degF, 0%RH)	110
Yield	sq in/lb.		30,000
Haze	%	ASTM D1003-61	1.7-2.2
Gloss (45°)	%	ASTM D2457-77	80-85
Tensile Strength	PSI	ASTM D882-80	MD 17,500 TD 32,000
Secant Modulus	PSI	ASTM D882-80	MD 290,000 TD 450,000
Elongation	%	ASTM D882-80	MD 185-220 TD 40-50
COF	Kinetic	ASTM D1894-90	0.25-0.035
Shrinkage	%	5 min. @266°F (air oven)	MD 4-5 TD 1.5-2.0
Heat Seal Range	°F	1 sec. @ 25 PSI	untreated 200-300

Comments: All information contained herein represents the best information available to L&K Industries at the time of preparation. We make no guarantee of product performance and all recommendations with respect to its end use, either expressed or implied.