



## Starliner Label Products Laser and Offset Labels

Revised 7/10

### Description

8½" x 11" sheets of smooth uncoated paper die cut into a variety of labels sizes. Offset and laser printable in most medium speed laser and copiers and some desk top laser printers. May be acceptable for some desk top ink jet printers as well. Permanent adhesive is patented to virtually eliminate adhesive ooze. Always follow printer manufacturer's instructions regarding the use of pressure sensitive label stock.

### Applications and End Uses

Laser labels including address, shipping labels and other types of labels with variable information. Saves time and money by eliminating die cutting.

Stock Number	Label Size	Corners	Number of Labels	Sheets/Box	Stock Number	Label Size	Corners	Number of Labels	Sheets/Box
SR4166	1.42" x 1"	S	66	250	SR4110	4 ¼" x 2 3/16"	S	10	250
SR4111	1 ½" x ½"	S	100	250	SR6744	4 ¼" x 2 ¾"	S	8	250
SR6740	2 13/16" x 1"	S	33	250	SR6745	4 ¼" x 3 ⅔"	S	6	250
SR4124	2 5/6" x 1 3/8"	S	24	250	SR6746	4 ¼" x 5 ½"	S	4	250
SR6758	3" x 2"	R	10	100	SR6747	8 ½" x 3 ½"	S	3	250
SR6759	3" x 5"	R	4	100	SR4102	8 ½" x 5 ½"	S	2	250
SR6741	3 ½" x ¾"	R	24	250	SR6748*	8 ½" x 11"	S	1	250
SR6742	4 ¼" x 1 1/16"	S	20	250	SR8511*	2 Vertical Back Splits 8 ½" x 11"	S	1	250
SR6743	4 ¼" x 1 9/16"	S	14	250					

\* Full sheets can develop heat curl at exit of laser printers and photocopiers. If needed, die cuts and back splits can alleviate heat induced curl.

### Face

A nominal 50# bright white flexible face stock designed for excellent toner anchorage in medium speed toner fusion laser printers and photocopiers.

#### Typical Physical Properties of Face Stock without Adhesive

Caliper, inches	0.0034 +/- 10%	TAPPI T-411
Brightness	93	TAPPI T-452
Tear, grams	48 MD 50 CD	TAPPI T-414
Tensile, lbs./in.	15.2 MD 12.7 CD	TAPPI T-494
Smoothness, Sheffield Units	80	TAPPI T-538
Basis Weight, lbs. (25" x 38"/500 sheets)	48 +/- 10%	TAPPI T-410

### Adhesive

A permanent acrylic adhesive with excellent ultimate adhesion to a wide variety of substrates. Patented to virtually eliminate ooze during laser printing.

#### Typical Physical Properties of Adhesive

Thickness, inches	0.0007 +/- 10%	
Peel Adhesion, lbs./in.	1.7	PSTC-2 (30 min. applied)
Temperature Ranges		
Minimum Application	+25°F (-4°C)	CTM #45 Curwood
Service Ranges	-75°F to +200°F (-59°C to +93°C)	Polyester Film Dry Surface



# Starliner Label Products

<b>Liner</b>	A nominal 50# semi bleached white kraft liner has excellent lay-flat characteristics and internal strength, toughness and tear resistance			
	<b>Typical Physical Properties of Liner</b>			
	Caliper, inches		0.0032+/- 10%	TAPPI T-411
	Basis Weight, lbs. (24" x 36"/500 sheets)		52 +/- 10%	TAPPI T-410
<b>Total Caliper (± 10%)</b>	Inches	Mils (0.001 inch)	Grams Meter Square	Microns
	.0073"	7.3 mils	175 g/m <sup>2</sup>	185 μ
<b>Printing Process</b>	Offset-lithography printable with laser compatible ink. Most medium sized laser printers and copiers. Some desk top laser and ink jet printers.			
<b>Shelf Life</b>	One year when stored at 72° F and 50% R.H.			

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