

### **PERFORMANCE GUIDE**

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## Starliner Label Products Offset Labels / White Circles

10/10 Revised by CEK

### Description

# 60# smooth uncoated litho circles with permanent adhesive and lay flat liner in a variety of popular label sizes. Matrix removed for faster end use application. Not recommended for laser printing because of matrix removal. Over time, the silicone from the exposed liner may contaminate the laser drum causing sheets to mis-feed and jam.

Circles for economical printing, writing, typing and other graphic uses. Saves time and money by eliminating die cutting.

**Applications and End Uses** 

Stock Number	Label Size	Sheet Size	Number of Labels	Sheets/ Box	Stock Number	Label Size	Sheet Size	Number of Labels	Sheets/ Box
SR6005	3/4"	81/8" x 111/2"	120	100	SR6055	2"	81/8" x 111/2"	20	100
SR6054	15/16"	8-7/16" x 11½"	80	100	SR6023	21/2"	7-11/16" x 11½"	12	100
SR6022	I 5/8"	8-7/16" x 11½"	30	100	SR6024	3 1/4"	61/4" x 111/2"	6	100

**Face** 60# smooth bright white uncoated litho designed for offset lithography.

### Typical Physical Properties of Face Stock without Adhesive

Caliper, inches	0.0047 +/- 10%	TAPPI T-411
Brightness	94	TAPPI T-452
Tear, grams	60 MD 69 CD	TAPPI T-414
Tensile, lbs./in.	35 MD 13.5 CD	TAPPI T-494
Smoothness, Sheffield Units	155	TAPPI T-538
Basis Weight, lbs. (25" x 38"/500 sheets)	60+/- 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 +35°F (1.7°C) CTM #45 Curwood
Service Ranges -75°F to +200°F (-59°C to +93°C) Polyester Film Dry Surface

Liner A nominal 50# semi bleached white kraft liner has excellent lay-flat characteristics and internal strength,

toughness and tear resistance

**Typical Physical Properties of Liner** 

Caliper, inches 0.0032+/- 10% TAPPI T-411
Basis Weight, lbs. (24" x 36"/500 sheets) 52 +/- 10% TAPPI T-410

Total Caliper (± 10%) Inches Mils (0.001 inch) Microns

0.0085" 8.5 mils 216  $\mu$ 

Printing Process Offset-lithography Impact printable

**Shelf Life** One year when stored at 72° F and 50% R.H.

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