PAPER
TECHNICAL DATA SHEET*

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AP5102
MATTE LITHO HR-51 2.4 MIL SCK

Description

Product

Face: 60# MATTE LITHO

Adhesive: HR-51

Liner: 2.4 MIL SCK

Total Construction
Caliper (Approx): **6.6** mils

Face

A premium, matte-coated litho paper engineered for exceptional print quality, excellent ink receptivity and reliable converting performance. Good printing with Water-Based Flexo, UV Flexo, UV Inkjet, Offset, HP Indigo, Laser and Solvent ink systems.

Physical Properties	Typical Value	Test Method
Caliper	.00346 +/- 10%	TAPPI T-411
Tensile, lbs/in (YIELD)	28 MD 15 CD	TAPPI T-414
Tear	60 MD 52 CD	TAPPI T-494
Opacity	87%	TAPPI T-425
Basis Weight 25”x38”/500	40 lbs.+/- 10%	TAPPI T-425

Adhesive

HR-51 is a general-purpose acrylic based removable adhesive with excellent long-term removability from a wide variety of surfaces including substrates such as glass, plastics, and corrugate. Always pretest removable adhesives for suitability in each particular end use application.

Physical Properties	Typical Value	Test Method
90° Peel Adhesion, lbs./in.		
Stainless Steel	.8 lbs / in	PSTC-101F (30 min. applied)
Loop Tack		
Stainless Steel	lbs / in	PSTC-16A

Temperature Ranges	
Minimum Application Temperature	**32°F (0°C)**
Service Temperature	**-40°F to +200°F (-40°C to +93°C)**

Disclaimer: Tested with 55# Semi-gloss paper properties at room temperature on standard lab panels. The service temperature listed is subject to limitations of the facestock and substrate used.

Liner

A semi-bleached super calendared kraft liner excellent for die cutting, stripping and label dispensing. Primarily for roll-to-roll applications.

Physical Properties	Typical Value	Test Method
Caliper, inches	0.0024 +/- 10%	TAPPI T-411
Basis Weight 24”x36”/500	40 lbs.+/- 10%	TAPPI T-410

Shelf Life

One year from the date of shipment, when stored at 72°F and 50% relative humidity.

*This document represents typical values and is not considered a specification.

The user is responsible for determining the product’s suitability for all aspects of the application. If there are any questions about applications, or regulatory compliances please contact your Mactac sales representative to discuss your requirements for recommendations. If this is a printed Technical Data Sheet, it is an uncontrolled document. Please check the Mactac website for the latest, most-up-to-date version. The products discussed herein are sold without any warranty as to merchantability or any other warranty, expressed or implied.

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