DIRECT THERMAL PIGGYBACK
TECHNICAL DATA SHEET*

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41808
45# CTT PIGGYBACK / BP-52 / 2.4MIL SCK / BP-52 / 2.4MIL SCK

Description

Product

Face: 45# CTT Piggyback

Adhesive: BP-52 / BP-52

Liner: 2.4 SCK Liner / 2.4 SCK Liner

Total Construction
Caliper (Approx): **9.4** mils

Face

A piggyback construction with a premium, coated sheet that has excellent thermal transfer imaging with a wide range of ribbons,and superior flexo printability.

Physical Properties	Typical Value	Test Method
Caliper	0.003	TAPPI T-411
Tensile, lbs/in (YIELD)	27 MD 17 CD	TAPPI T-494
Tear	42 MD 45 CD	TAPPI T-414
Opacity	88%	TAPPI T-425
Basis Weight 25" x 38"/500	45 lbs. +/- 10%	TAPPI T-425

Adhesive

A general purpose acrylic adhesive with excellent die cutting characteristics and ultimate adhesion to a broad range of substrates. Well suited for small cylindrical labeling and is glove friendly

Physical Properties	Typical Value	Test Method
90° Peel Adhesion, lbs./in.		
Stainless Steel	PT lbs / in	PSTC-101F (30 min. applied)
Corrugate	lbs / in	
Loop Tack		
Stainless Steel	4.63 lbs / in	PSTC-16
Corrugate	lbs / in	
Temperature Ranges		
Minimum Application Temperature	**40°F (4.4°C)**	
Service Temperature	**-40°to 200°F (-40°C to 93°C)**	

Disclaimer: Tested with 60# 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 bleached, calendered liner featuring excellent die cutting and stripping characteristics. Recommended for use in roll-to-roll applications.

Physical Properties	Typical Value	Test Method
Caliper, inches	0.0025 +/- 10%	TAPPI T-411
Basis Weight 24"x36"/500	41 lbs. +/- 10%	TAPPI T-410

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45# CTT PIGGYBACK / BP-52 / 2.4MIL SCK / BP-52 / 2.4MIL SCK

Adhesive A general purpose acrylic adhesive with excellent die cutting characteristics and ultimate adhesion to a broad range of substrates. Well suited for small cylindrical labeling and is glove friendly

Physical Properties	Typical Value	Test Method
90° Peel Adhesion		
Stainless Steel	PT lbs / in	PSTC-101F (30 min. applied)
Corrugate	lbs / in	
Loop Tack		
Stainless Steel	4.63 lbs / in	PSTC-16A
Corrugate	lbs / in	
Temperature Ranges		
Minimum Application Temperature	**40°F (4.4°C)**	
Service Temperature	**-40°to 200°F (-40°C to 93°C)**	

Disclaimer: Tested with 2.6 mil white BOPP film facestock at room temperature on standard lab panels. The service temperature listed is subject to limitations of the facestock and substrate used.

Liner A bleached, calendered liner featuring excellent die cutting and stripping characteristics. Recommended for use in roll-to-roll applications.

Physical Properties	Typical Value	Test Method
Caliper	0.0025+/- 10%	TAPPI T-411
Basis Weight	41 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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