

Material Specification Sheet**Product:**

Black Rhino Stock – Direct Thermal Topcoated TDS

Description:

White, topcoated, medium sensitivity direct thermal paper for demanding barcode applications that require excellent durability. It features a high-tack general purpose permanent hot melt adhesive with a superior adhesion to corrugated and plastics.

Recommended Applications:

Demanding direct thermal barcoding applications, especially those requiring resistance to blood, fat, plasticizers and solvents. Also features good resistance against low heat and UV-light. Suitable for use in medium speed direct thermal printers.

Facestock:

Topcoated direct thermal VL paper

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Basis Weight:	77.5	g/m ²	T410
Thickness:	81.5	µm	T411
Brightness:	88	% AVG	T525
Image Color:	Black		

Adhesive:

High-tack, general-purpose, permanent hot melt

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Application temp:	+35°	Fahrenheit	
Service temp:	0° to +140°	Fahrenheit	

Performance Data:**Glass**

Loop Tack:	5.59	lbs.	PSTC-16
180°	6.1/PT	lbs.	PSTC-101

HDPE

Loop Tack:	4.97	lbs.	PSTC-16
180° Peel Adhesion	6/PT	lbs.	PSTC-101

Liner:

Clay-coated, supercalendered 40# kraft liner with release coating

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Basis Weight:	41	lb/ream (3000 sq ft.)	Gauge (Avg)
Caliper:	2.4	mils	T411
Tensile:	MD 34	lbs/in	T494
Tear:	CD 38	grams	T414

PRODUCT DISCLAIMER

All labels and label material constructions are sold with the understanding that the purchaser has independently determined the suitability of each product for the application for which it is purchased. The seller disclaims any implied warranty of fitness of a product for a particular purpose. All materials should be tested thoroughly by the purchaser under end-user conditions to ensure they meet the requirements of a specific application.

