

Technical Data Sheet

Description:

A 49#, medium sensitivity non-top coated direct thermal paper with a general purpose, soft, all-temperature acrylic adhesive and a #41 densified kraft white sheet.

Recommended Applications:

For short duration labels or applications where the label is not exposed to solvents, water, oils, fats, or other similar materials. Designed to adhere to a variety of packages in a broad range of temperatures. Conforms to 21 CFR 175.105 for indirect food contact. FSC certified paper. Meets the TLMI Recycling Protocol TLMI-LRP-2 for paper recycling compatibility.

Facestock:

A 49#, medium sensitivity non-top coated direct thermal paper with no phenols added.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Basis Weight:		49.5	lbs/3000 sq ft	TAPPI T410
Caliper:		3.200	mil	TAPPI T411
Smoothness:		1.9	um	TAPPI T555
Tear:	CD	50	gms	TAPPI T414
Tensile:	MD	35	lb/in	TAPPI T494
Stiffness:	CD	40	mg	TAPPI T543
	MD	90	mg	TAPPI T543
Brightness UV Excel		80	%	TAPPI T571
Initial Activation Temp		212	°F	ISO 1924
Effective Activation Temp		272	°F	ISO 1924
Optimum Activation Temp		300	°F	ISO 124

Adhesive:

A soft all-temperature acrylic.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Minimum Application Temp:		-20	°F	
Service Temp Range:		-65 to +180	°F	
Peel Adhesion:				
	180 D SS 20 min	1.5	lb/in	CPD-52
	180 D HDPE 20 min	1.0	lb/in	CPD-52
	180 D LDPE 20 min	1.1	lb/in	CPD-52
	180 D Glass 20 min	1.7	lb/in	CPD-52
	180 D Corrugated	0.6	lb/in	CPD-52
Loop Tack:				
	Stain Steel	44	oz/sq in	CPD-16
	HDPE	35	oz/sq in	CPD-16
	LDPE	29	oz/sq in	CPD-16
	Corrugated	14	oz/sq in	CPD-16



Product Disclaimer: Due to the variety of evolving technologies of OEMs, print engines, press capabilities and inks, all material constructions are sold with the understanding that the purchaser has independently tested and 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.

M-1240



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Liner:

A #41 densified kraft white sheet.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Basis Weight:		41	lbs/3000 sq ft	TAPPI T410
Caliper:		2.400	mil	TAPPI T411
Opacity		60	%	TAPPI T425
Tensile:	MD	40	lb/in	TAPPI T494
	CD	17	lb/in	TAPPI T494
Tear:	MD	34	gms	TAPPI T414
	CD	39	gms	TAPPI T494

Shelf Life:

One year under standard storage and humidity conditions. For maximum product longevity, store out of direct sunlight and away from any fumes.



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