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RICOH

THERMAL LABEL FILM PRODUCT INFORMATION

120LDS

FACESTOCK

ITEM	SPECIFICATION	TEST METHOD
Basis Weight	33.8# ± 4.9 (24 x 36 x 500 Sheets)	TAPPI T-410
	55 ± 8 g/m ²	
Caliper	2.8 Mils (70 ± 9µm)	TAPPI T-411
Image Color	Black	VISUAL CHECK
Image Density (ODU)	1.30 Minimum	Macbeth Densitometer
Background Density (ODU)	0.11 Maximum	Macbeth Densitometer

PRESERVATION PROPERTIES

ITEM	SPECIFICATION	TEST METHOD
Plasticizer Resistance (Face)	Image 1.20 Minimum	40° C, Dry, 15 Hours
	Background 0.15 Maximum	
Water Resistance	Image 0.80 Minimum	Water Immersion, 15 Hours
	Background 0.12 Maximum	
Oil Resistance	Image 1.20 Minimum	40° C, Dry, 15 Hours
	Background 0.15 Maximum	
Moisture Resistance	Image 1.20 Minimum	40° C, 90% RH, 24 Hours
	Background 0.15 Maximum	
Heat Resistance	Image 1.20 Minimum	70° C, Dry, 1 Hour
	Background 0.25 Maximum	

*Remarks: Image and Background measured by Macbeth (ODU)
Specification may change without notice

120LDS LAMINATED PRODUCTS

GRADE	UNIT	G8	G12
Application Temperature	°F	10 to 100	-40 to 122
	°C	-12 to 38	-40 to 50
Service Temperature	°F	-20 to 120	-65 to 131
	°C	-29 to 49	-54 to 55
Basis Weight (24 x 36 x 500)	LBS	83 ± 11	87 ± 11
	g/m ²	135 ± 18	141 ± 18
Caliper	µm	143 ± 19	144 ± 19

Custom: Please contact the Sales/Marketing department for application specific adhesives.

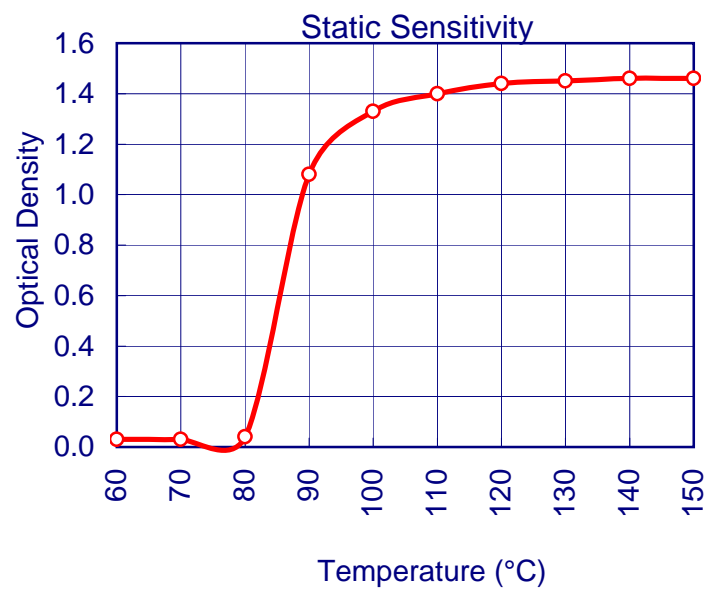
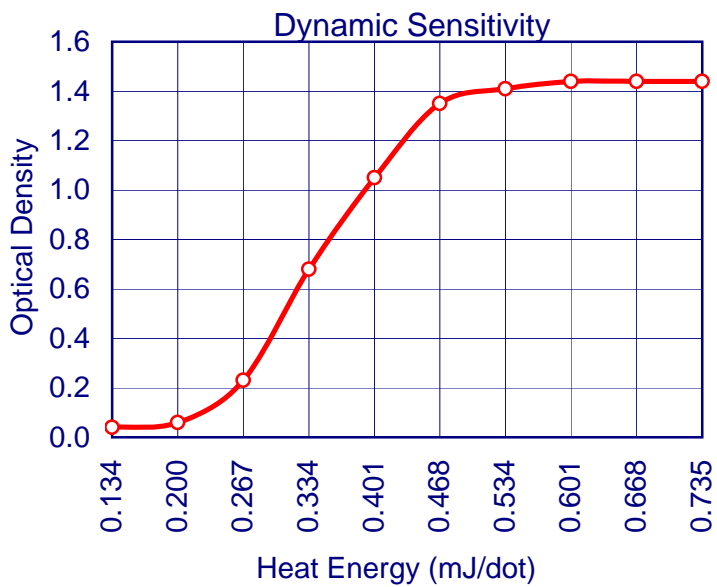
Liner: 42# Super Calendered White Kraft

Caliper: 2.5 Mils ± 10% (64 ± 7µm)

Opacity: 65% Maximum (Photovolt)

STORAGE CONDITION

Below 95°F (35°C) and less than 85% RH in a warehouse avoiding direct sunlight.



Comments: Sensitivity curves are for general reference only.