

Duratherm III thermal top paper permanent i10230

DESCRIPTION

80 gsm direct-thermal top-coated paper

Laminated with an acrylic pressure sensitive adhesive and glassine liner.

PHYSICAL PROPERTIES

		Unit	Typical Value	Test Method
FACE	Substance	gsm	80 ± 5%	ISO 536
	Calliper	micron	85 ± 7.5%	ISO 534
	Roughness	ml/min	17 ml ± 5%	ISO 2494
	Brightness	%	± 70 %	ISO 2470
	Opacity	%	> 72 %	ISO 2471
ADHESIVE	Peel 90 st st	N/m	300	FINAT 2
	Initial Tack	N/m	700	FINAT 9
	Service Temp	°C	-20 °C to 50 °C	—
	Application Temp	°C	above 0 °C	—
BACKING LINER	Substance	gsm	60 ± 3%	TAPPI 410
	Calliper	micron	55 ± 5%	TAPPI 411

APPLICATION

Ideal for marking and label applications that requires good contrast and good print quality.

Good level off image resistance in several applications like packaging off food.

General purpose strong permanent adhesive. Good adhesion to all normal substrates.

60 gram honey glassine liner suitable for use where there is automatic label registration or dispensing.

PRINTING

Variable information can be applied by a wide variety of thermal printers.

Normal definition thermal images can be printed.

The surface is suitable for pre-printing by flexographic.

SHELF LIFE

This product has a shelf life of 1 year if stored between 10°C and 25°C and 35 to 65% RH.

Important Notice: Information presented herein is believed to be accurate based on research with no guarantee of accuracy or completeness. Product must be thoroughly tested under end-use conditions to ensure that it meets all intended requirements. Data sheet does not imply any warranty or guarantee. User assumes all risk and liability in connection with end-use of product.