

Duratherm II Thermal Eco Paper Permanent i10190

DESCRIPTION

70 gsm direct thermal eco paper

Laminated with an acrylic pressure sensitive adhesive and glassine liner.

Intermec by Honeywell has received a signed copy from the base-material supplier that the material is FSC certified according to CU-COC-807907 (valid until August 19th 2017)

PHYSICAL PROPERTIES

		Unit	Typical Value	Test Method
FACE	Substance	gsm	70 ± 5%	ISO 536
	Calliper	micron	77 ± 5%	ISO 534
	Smoothness	sec	530	Bekk
	Brightness	%	> 86 %	ISO 2470
	Opacity	%	± 88 %	ISO 2471
ADHESIVE	Peel 90 st.st.	N/25mm	8	FINAT 2
	Initial Tack	N/25mm	15	FINAT 9
	Service Temp	°C	-20 °C to 50 °C	—
	Application Temp	°C	above 0 °C	—
BACKING LINER	Substance	gsm	60 ± 3%	ISO 536
	Calliper	micron	53 ± 5%	ISO 534

APPLICATION

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

General purpose permanent adhesive. good adhesion to all normal substrates.

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

Approvals

The adhesive complies with the European food directives and legislations, FDA 175.105 and the German recommendations XIV as published by BfR. BfR (Bundesinstitut für Risikobewertung).

The adhesive can be used in direct contact with dry and moist, non-fatty foodstuffs.

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.

Not suitable in high humidity conditions, contact with plasticizers, and temp. above 50°C

SHELF LIFE

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

August 12th 2014

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.