

TECHNICAL SPECIFICATIONRef. **TSi 18944 en**

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Product AC THERMAL ECO K 72 - ADF01 - GL62Y

Face	THERMAL ECO K 72 White woodfree paper with a thermosensitive coating, producing a black image. The surface is not additionally protected against environmental and chemical impact.
Adhesive	ADF01 All temperature permanent adhesive. Suitable for labelling to flat surfaces, application temperature to -5 °C. It is ideal for applications to food, beverages and in medicine. It is also suitable for labelling fresh fruit and vegetables. The adhesive may come into direct food contact and is in accordance with the EC directive 85/572/EEC - ISEGA accreditation 27997 U 09.
Backing	GL62Y Yellow, siliconised glassine paper.

	Method	Unit	Typical values
Face			
Grammage	ISO 536	g/m ²	72
Thickness	ISO 534	µm	77
Tensile strength MD	ISO 1924-3	kN/m	6,1
Tensile strength CD	ISO 1924-3	kN/m	3,1
Smoothness Bekk	ISO 5627	s	250
Opacity	ISO 2471	%	89
Optical density	GretagMacbeth D19C		1,30
Imaging colour			black
Thermal printing speed		mm/s	max. 200
Adhesive			
Peel adhesion (20 min, LDPE)	FTM 1	N/25 mm	4
'Loop' tack (glass)	FTM 9	N/25 mm	8
Min. application temperature		°C	-5
Service temperature		°C	-20 to 80
Backing			
Grammage	ISO 536	g/m ²	62
Thickness	ISO 534	µm	55
Tensile strength MD	ISO 1924-3	kN/m	6,5
Tensile strength CD	ISO 1924-3	kN/m	3,0
Transparency	DIN 53147	%	51
Laminate			
Grammage	ISO 536	g/m ²	151
Thickness	ISO 534	µm	136
Low speed release force	FTM 3	cN/25mm	7

Applications and use

Main applications: labels for supermarkets, shipments, bar-codes, food products, etc.

Converting and Printing

Suitable for all printing techniques. UV flexo and water-based flexo are recommended. Converting temperature should not exceed 50 °C.

Shelf life

Two years when stored at 22 °C and 55 % RH.

All information is based on our existing knowledge and experience. Given properties are typical values. As the products are used for different applications we recommend checking product suitability prior to use.