

THERMAL ECO BP-BPAF-A4024-WG65

FACE MATERIAL

A white Non-Topcoated, BPA free thermal paper with grey colour backside. Standard sensitivity and is characterized by good resistance, archivability and printability. The image is black.

Typical technical values

Basis Weight	72	g/m ²	ISO 536
Caliper	80	μ	ISO 534
Tensile strength MD	min. 4,7	kN/m	ISO 1924/2
Tensile strength CD	min. 2,2	kN/m	ISO 1924/2
Smoothness (Bekk)	min. 200	sec	ISO 5627
Imaging colour	black		

ADHESIVE

Acrylic, water based adhesive, with low initial tack and adhesion with paper face material.

Typical technical values

Initial Tack (on PE)	2,0 N	FINAT FTM 9
Adhesion 180° (on PE)	1,0 N	FINAT FTM 1
Application temperature min.	+5 °C	
Service temperature	+5 °C - +60 °C	

BACKING

White, wood-free transparent glassine backing paper. One side siliconised.

Typical technical values

Basis Weight	58	g/m ²	ISO 536
Caliper	49	μ	ISO 534
Tensile strength MD	≥5,1	kN/m	ISO 1924
Tensile strength CD	≥2,1	kN/m	ISO 1924

Adhesive performance

The adhesive is characterized by good initial tack. This adhesive is not suitable for labelling rough, curved surfaces, cardboard and also PVC surfaces, which contain plasticizers. The composition, temperature and contamination of the surface can affect the adhesion so preliminary tests are recommended.

Application and usage

This thermal-sensitive product is design for thermal printing systems at printing speeds up to 250 mm per second. Typical applications for this product include barcode labels printed on in-store-price-weigh equipment as well as industrial applications like labels used during warehousing, logistics and addressing. Avoid using this product on plasticizers (PVC) and keep it away from greasy surfaces.

Printability

The product can be converted by all conventional roll conversion technologies. However, due to its thermo-graphic properties, exposure to heat above 50°C may cause discoloration. Inks containing alcohol or organic solvents may also cause the discoloration of the thermal-sensitive coating. For the flexographic printing process, UV or water based inks and varnishes to be used before conversion.

Shelf life

1 years

Storage conditions

23+/-2°C, 50+/-5% RH

Warranty: All statements and recommendation about BUDAVAL products are based on our most-up-date knowledge, experience and tests believed to be reliable but do not constitute a guarantee or warranty. As the product are used outside our control we cannot take responsibility for any damage which may be caused when using the product. This technical information sheet replaces all earlier ones. All information subject to change without notice.

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