

## Product: Thermal Lam 230 C

Properties	Target	Unit	Method
Thickness	230 ± 10%	μ	ISO 536
Substance	170 ± 10%	g/m <sup>2</sup>	ISO 534-80

**Description:** White Thermal eco (not protected) paper laminated with a cavitated polypropylene.

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### Application and use

Produced with temperature-sensitive top coating for use on thermal printers up to 200 mm/sec (8 inch/sec). Suitable for bar codes labels, variable information for vegetable and fruit packed in "nets" and in those industries that require a high tear and tensile strength resistance. Avoid contact with plasticizers (PVC), humidity, oils and greases. The printed image on materials used and exposed under conditions of high humidity or to ultraviolet or fluorescent light, tends to fade or discolour.

### Converting and Printing

The cavitated PP substrate has a surface tension >36 dyne/cm and can be printed with Flexo and letterpress printing. We suggest you to refresh the surface tension before printing. The thermal paper material can be printed with a water based flexo, letterpress UV, gravure and offset. Because of the properties of heat-sensitive product it is necessary to avoid any exposure to temperatures exceeding 50°C, which can cause partial greying of the surface. Testing for suitability between media, printers and inks is always recommended prior to use.

### Packaging

The rolls are slit according to customer requirements. They are delivered on pallets or in cartons. Product description labels are fixed on rolls.

### Shelf Life and Storage Conditions

2 years when stored away from direct sunlight and heat, in a dark, dry place at a temperature of 22 °C ± 2 °C with a relative humidity of 50 %, ± 5%.

Ref: Thermal Lam 230 C White.

Date: 03/09/21

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