

# Thermal Top + BPA Free / HM100 / WG62

Facestock

## Thermal Top + BPA Free

*Description* Top coated thermal paper with back barrier. Resistant to grease, moisture, plasticizers and UV light. Paper without Bisphenol A

*Color* White

*Applications* Barcode labels for pre-packed food, retail and logistics. Used wherever high stability and image resistance is required to protect against humidity, heat and sunlight).

*Printing techniques* Suitable for printing on offset UV, UV flexo, flexo solvent-base depending on the ink.

Property	Norm	Units	Value	Tolerance
Substance	ISO 536	g/m <sup>2</sup>	72	67 - 77
Thickness	ISO 534	µm	73	67 - 79
Bekk smoothness	ISO 5627	s	≥ 500	
Brightness ISO	ISO 2470	%	≥ 80	
Tensile strength MD/CD	ISO 1924	kN/m	≥ 3,59 / ≥ 1,63	

Adhesive

## HM100

*Description* General use hot-melt permanent adhesive, designed to achieve good performance when used at chilled conditions. For difficult surfaces, slightly wet and semi-frozen.

*Shelf life* From the date of manufacture 1 year in 20°C and RH 50%.

Property	Norm	Units	Value	Tolerance
Adhesion (Peel 180° 20'/stainless steel)	FTM 1	N/25mm	18,4	≥ 14,7
Shear (1kg, in <sup>2</sup> /glass)	FTM 8	min	750	≥500
Tack (Quick Stick stainless steel)	FTM 9	N	13,5	≥11
Minimum labelling temperature		°C	0	
Minimum service temperature		°C	-20	
Maximum service temperature.		°C	+60	

Liner

## WG62

*Description* Super-calendered translucent glassine paper especially designed for automatic labelling applications and photocell dispensing systems. This liner provides good tear resistance and smooth and regular thickness.

*Color* White

Property	Norm	Units	Value	Tolerance
Substance	ISO 536	g/m <sup>2</sup>	62	59-65
Thickness	ISO 534	µm	52	49-55

## Certificates

### Product approvals and usage certificates

Facestock

#### **Thermal Top + BPA Free**

Contact with foodstuff (BfR XXXVI) - Facestock and Liners (paper)

EN 71-3 Toy safety

Packaging and packaging waste Directive 94/62/CE

Electric and electronic equipment (RoHS)

Adhesive

#### **HM100**

German Recommendation BfR XIV (ISEGA) - Adhesives

Liner

#### **WG62**

Contact with foodstuff (BfR XXXVI) - Facestock and Liners (paper)

Packaging and packaging waste Directive 94/62/CE

EN 71-3 Toy safety

Electric and electronic equipment (RoHS)

Values are subject to change without notice. Last updated 6/25/2018.

The technical information that appears in this document reflects our knowledge and experience, but should only be considered as a general guideline.

*Our self-adhesive mill is certified to the strictest environmental standards **ISO 14001 and EMAS** and has successfully completed audits for **ISO 50001, ISO 9001 and ISO 45001** certification. Adestor paper products are available with **PEFC™ and FSC®** chain of custody certificates upon request.*