



HANG TAGS

ENDURO THERMAL 270 N

matt 7028, 265 g/m²

Tear-resistant thermal cardboard. Ideal for robust admission tickets and travel passes.

ENDURO Thermal 270 N is a hard-wearing material composite consisting of a 40 µm PP film core, a thermal paper with topcoat on the front and a satin, extra-smooth natural paper surface on the reverse. The three-layer product structure is robust, tear-resistant, waterproof and can be cut, punched, perforated and folded perfectly. The thermal paper has very good resistance to light, temperature, climate, water, oil / grease and softeners.

The thermo-sensitive paper surface convinces in direct thermal printing with good printing results and a standard sensitivity. Both sides can be printed perfectly in flexo and UV offset.

Thanks to its multi-layer product structure, ENDURO offers an inexpensive and ecologically sustainable alternative to synthetic papers in many cases. It is PVC-free and FSC® certified.

Advantages

- Tear-resistant
- Waterproof
- Optimised for direct thermal printing



General tips

For quality reasons, ENDURO Thermal should be stored in its original packaging and used within 12 months. For storage and processing, we recommend a room climate of 23 ± 5°C and 50 ± 10% relative humidity. Avoid direct light and sunlight as well as exposure to aggressive chemicals.

Physical data

Name	Value	Tolerance	Norm
Weight [g/m ²]	265	±15	ISO 536
Thickness (total) [µm]	250	±15	ISO 534
Smoothness (Bekk) [s]	>200		ISO 5627
ISO Brightness [%]	>80		ISO 2470-1
Bending stiffness MD [mN]	>1100		ISO 2493-1; 15°/10mm
Bending stiffness CD [mN]	>650		ISO 2493-1; 15°/10mm
Tensile strength MD [N/15mm]	>190		ISO 1924-3/2/300
Tensile strength CD [N/15mm]	>140		ISO 1924-3/2/300
Opacity [%]	>98		ISO 2471

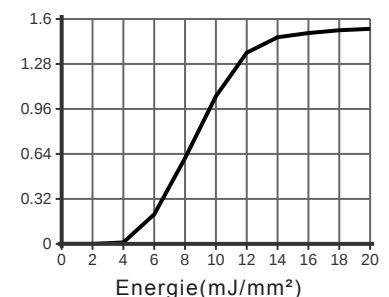
Technologies



Properties

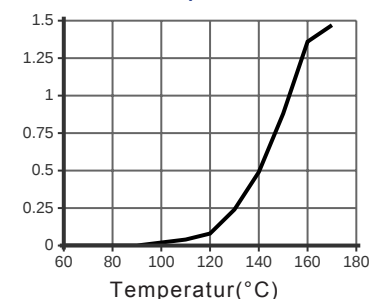
- Fade resistant
- Temperature resistant
- Climate proof
- Water-resistant / Waterfast
- Oil- or grease-resistant
- Plasticizer resistant

Dyn.Development Curve



Atlantek Model400 - Shil Test Method

Stat.Development Curve



Sumet Statik Tester - Sihl Test Method

Sensitivity curves are for general reference only.

Stability

Fade resistant	++
Temperature resistant	++
Climate proof	++
Water-resistant / Waterfast	++
Oil- or grease-resistant	++
Plasticizer resistant	++

++ very good +good
0 Standard - not suitable

Durability

Shelf life of the thermal printout: At least 12 years with appropriate storage. Detailed instructions can be found in the download "ENDURO Thermal – Handling and storage".

Printing instructions

We recommend carrying out your own pressure and application tests before using the product. Detailed information can be found in the download "ENDURO Thermal – Printing Instructions".