



ENDURO CLASSIC 255 K

matt 6950, 255 g/m²

Tear-resistant paper. Ideal for particularly heavy-duty hang tags, envelopes, identity cards, index cards, documents and outer packaging. Excellent strength thanks to dimensionally stable and thermostable polyester film core.

ENDURO Classic 255 K is a hard-wearing composite material consisting of a 100 µm PET film core and white, natural uncoated paper surfaces. The three-layer product structure is robust, resistant to edge tearing, water impermeable and suitable for certain outdoor applications. It can be cut, punched, perforated, drilled, embossed, scored, folded, glued and bound without issue.

High-quality paper surfaces offer optimized feed properties and printing results. Thanks to quickly penetrable and absorbent surfaces, all common standard inks and varnishes can be used in offset and flexo printing. Suitable for laser printing and variable dot matrix printing. With excellent drying and ink/toner adhesion. Can be stamped easily and lettered manually.

Thanks to the multi-layer product structure ENDURO offers an affordable, eco-friendly and sustainable alternative to fully synthetic media. It is PVC-free and FSC®-certified

Advantages

- Outstanding tear resistance
- High product stability and rigidity
- Thermostable
- Water impermeable
- Excellent printability
- FSC®-certified
- PVC-free



General tips

For quality reasons ENDURO should be stored originally packed. Storage & converting conditions of 20±5°C and 50±10% rel. humidity are recommended.

Food contact

Please inform us whenever intended use is linked to food contact.

It may be possible to provide a Declaration of Compliance confirming material suitability for your specific application.

Waste disposal

Due to the film content of over 50%, paper recycling is not recommendable for this product. Smaller quantities can be disposed of together with household waste. ENDURO Classic 255 K is considered commercial waste similar to household waste. It is biologically neutral when landfilled.

In most cases, incineration with energy recovery is the most efficient solution from an economic and ecological point of view.

Larger quantities should be disposed of in accordance with local and national regulations. We recommend enquiring with the responsible waste disposal company.

Technologies



Properties



Physical data

Name	Value	Tolerance	Norm
Weight [g/m²]	255	±15	ISO 536
Thickness (total) [µm]	235	±15	ISO 534
Bending stiffness MD [mN]	> 1.000		ISO 2493-1; 15°/10mm
Bending stiffness CD [mN]	> 500		ISO 2493-1; 15°/10mm
Tensile strength MD [N/15mm]	> 250		ISO 1924-3/2/300
Tensile strength CD [N/15mm]	> 200		ISO 1924-3/2/300
ISO Brightness, front side [%]	> 80		ISO 2470-1
ISO Brightness, reverse side [%]	> 80		ISO 2470-1
Whiteness, CIE, D65/10°, front side	> 120		ISO 11475
Whiteness, CIE, D65/10°, reverse side	> 120		ISO 11475
Opacity [%]	> 92		ISO 2471

Durability

Originally packed under recommended storage conditions ENDURO rolls and sheets can be stored for at least 3 years.

Printing instructions

Detailed recommendations for printing and processing of ENDURO can be found under Download.