LOOP TAGS

ENDURO CLASSIC 150 K

matt 6921, 145 g/m^2

Tear-resistant paper. Our bestseller for tear-resistant hang tags, luggage tags, loop-lock tags, banners, durable envelopes, covers, book pages and certificates.

ENDURO Classic 150 K is a tear-resistant composite material consisting of a 40 µm PP film core and white, natural uncoated paper surfaces. The three-layer product structure is durable, resistant to edge tearing and water impermeable. 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.

Technologies

FLX OFF LSR MTX

Advantages

- Tear-resistant
- High fold strength
- Water impermeable
- Excellent printability
- FSC®-certified
- PVC-free
- Declaration of Compliance for food contact possible

FSC
www.fsc.org
FSC® C005732
The mark of responsible forestry

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
ENDURO Classic 150 K has been awarded a certificate by the Cyclos-HTP Institute. According to this certificate, the majority of the paper fibres (60% of the total composite) can be recovered in the paper recycling process. The film is separated and can be used for thermal energy recovery. When sorted using near-infrared sensors (NIR), however, this product is not identified as paper.

Therefore, it should be targeted for paper recycling as commercial waste. It is classified as “Mixed waste paper, grade 5.01” according to EN 643.

Smaller quantities can be disposed of together with household waste.

As conversion (i.e. printing) may significantly change the characteristics of a product, these recycling recommendations may only apply to ENDURO material before processing.

Physical data

Name	Value	Tolerance	Norm
Weight [g/m²]	145	±15	ISO 536
Thickness (total) [µm]	175	±15	ISO 534
Bending stiffness MD [mN]	> 400		ISO 2493-1; 15°/10mm
Bending stiffness CD [mN]	> 175		ISO 2493-1; 15°/10mm
Tensile strength MD [N/15mm]	> 150		ISO 1924-3/2/300
Tensile strength CD [N/15mm]	> 160		ISO 1924-3/2/300
ISO Brightness, front side [%]	> 86		ISO 2470-1
ISO Brightness, reverse side [%]	> 86		ISO 2470-1
Whiteness, CIE, D65/10°, front side	> 120		ISO 11475
Whiteness, CIE, D65/10°, reverse side	> 120		ISO 11475
Opacity [%]	> 91		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.