DOCUMENT COVERS /
FOLDERS / ENVELOPES

ENDURO ICE 135

matt 6952, 141 g/m^2

Tear-resistant translucent paper. Ideal for durable inserts, covers, document sleeves, bags, high-quality hang-tags or outer packaging with barrier function. Increased strength thanks to dimensionally stable and thermostable polyester film core.

ENDURO Ice 135 is a unique composite material consisting of a 75 µm PET film core and wafer-thin, white natural paper surfaces. The three-layer product structure is robust, resistant to edge tearing and water impermeable. It gives all ENDURO Ice grades identical translucency with an elegant feel and a finely ribbed appearance. This enables applications in areas where conventional translucent papers reach their limits by comparison. It can be cut, punched, perforated, drilled, embossed, scored, folded, glued and bound without issue. Also suitable for hot foil stamping.

The high-quality paper surfaces offer optimized feed properties and printing results. Thanks to the slightly absorbent surface, all common standard inks and varnishes can be used with thin ink application in offset printing. For more challenging layouts with higher colour saturation, we recommend printing inks with oxidative drying or UV-reactive inks. Suitable for laser printing and printing on HP Indigo sheet-fed printing systems, taking our processing instructions into account.

Technologies

FLX OFF LSR IND

Advantages

- Elegant transparency
- Natural feel
- Increased tear resistance
- High fold strength
- Water impermeable
- Excellent printability
- High folding strength

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.

Physical data

Name	Value	Tolerance	Norm
Weight [g/m²]	141	±6	ISO 536
Thickness (total) [µm]	128	±10	ISO 534
Bending stiffness MD [mN]	> 240		ISO 2493-1; 15°/10mm
Bending stiffness CD [mN]	> 100		ISO 2493-1; 15°/10mm
Tensile strength MD [N/15mm]	> 175		ISO 1924-3/2/300
Tensile strength CD [N/15mm]	> 100		ISO 1924-3/2/300
ISO Brightness, front side [%]	> 70		ISO 2470-1
ISO Brightness, reverse side [%]	> 70		ISO 2470-1
Whiteness, CIE, D65/10°, front side	> 48		ISO 11475
Whiteness, CIE, D65/10°, reverse side	> 48		ISO 11475
Transparency [%]	> 65		DIN 53147

Printing instructions

We always recommend comprehensive testing of materials prior to regular conversion.