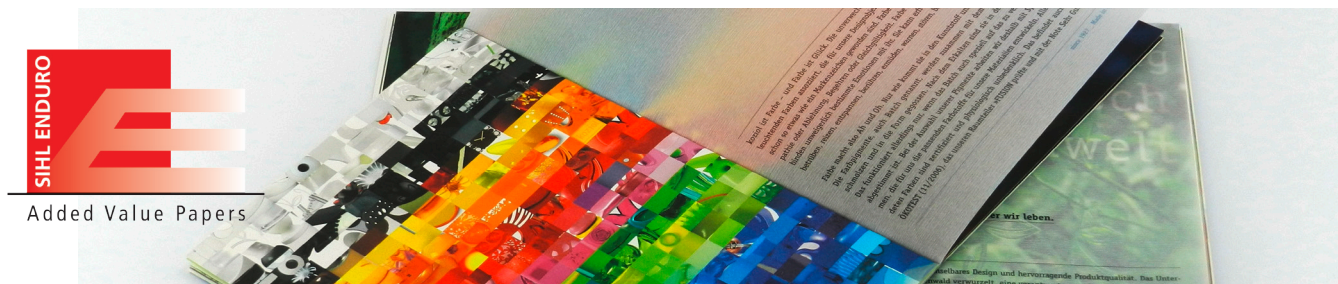


SIHL FACT SHEET



Transparent paper meets film

ENDURO Ice 135 - Sort 6952

ENDURO Ice is a transparent composite material, a film core sandwiched between two layers of paper. It stands out thanks to the elegant appearance and charming haptic of a transparent paper.

It allows the growth of creative scope: ENDURO is both tear resistant and durable, the possibility of printing techniques and solutions is there with ENDURO Ice whereby the traditional transparency reach their boundaries. Additionally, ENDURO is water-resistant preventing a wavy appearance when ink loads are applied. It can be used in for adhesion with plain paper. Thanks to the normal surface weight no film colours are needed. ENDURO Ice is suitable for most standard digital printing processes.

The new ENDURO Ice 135 has a PET film core, which provides improved tear strength, bending stiffness and printing characteristics for laser printing.

ENDURO Ice 135

Sort	Weight gsm	Thickness µm	Material
6952	141	128	Paper/75 µm PET film/Paper

Sales form: Rolls and format

Application

- Protective envelopes for documentation, book covers, reference works, travel guides, encyclopaedias, etc.
- Catalogues and company brochure inserts and division sheets

Product properties

- High tear resistance
- Good foldability, no white scoring
- Dimensional stability
- Water-resistant
- Waterproof film core



Technical data

Material	Paper/75 µm PET film/Paper	composite material
Technology	Flexo printing, offset printing	
Surface	matt	
Weight	141 +/- 6 g/m²	ISO 536
Thickness	128 +/- 10 µm	ISO 534
Tensile strength	lg > 175 N/15 mm qu > 100 N/15 mm	ISO 1924-3/2/300
Bending stiffness	lg > 240 mN qu > 100 mN	ISO 2493-1; 15°/10mm
ISO Brightness	> 70 %	ISO 2470-1
Whiteness, CIE D65	> 48	ISO 11475
Transparency	> 65 %	DIN 53 117

General hints and storage

For quality reasons ENDURO should be stored originally packed.

Storage and converting conditions of 20+/-5°C and 50+/-10 % relative humidity.

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

All information are based on current quality level. We reserve the right to change this as part of our continual product development. The information given in this data sheet is provisional and temporary and is not binding as the product remains in development stages. Values provided are relevant to previous productions and may not be representative of all future makings.

Sihl GmbH
Kreuzauer Str. 33
52355 Düren/Germany
Tel. +49 (0)2421-597 0
Fax +49 (0)2421-597 452
www.sihl.com
info@sihl.com

