



GLATFELTER

Glassine Echo[®]

Standard





ECHO[®] Glassine Papers

Glatfelter Ober-Schmittgen GmbH

ECHO[®] Glassine Papers

- 100% cellulose fiber from sustainable forestry resources
- Exclusively made of virgin fibers
- Transparent and grease-resistant (achieved by mechanical treatment)
- Offering highest density
- Available as FSC[®] (FSC[®] C041025) and / or PEFC (PEFC/04-31-2118) certified products

Advantages

- Taste and smell neutrality
- Permeable surface structure
- Recyclability

Features / Converting / Value Addition

- Paper substances from 25 g/m² up to 95 g/m²
- Two paper machines with a maximum trim of 1,500 mm and 1,700 mm
- Environmentally friendly bleached (ECF / TCF) / unbleached
- Opaque / colored
- Bobbins from 20 mm up to 1,700 mm
- Sheets from 100 x 100 mm up to 700 x 1,000 mm
- Plain or embossed with various patterns
- Wax surface treatment (Slip Easy)
- Printability: flexo, digital, offset and gravure printing

Certifications

- Glatfelter Ober-Schmittgen GmbH is certified according to ISO 9001, ISO 14001, ISO 22000 and ISO 50001.
- Kosher
- Halal

Food contact certification (generally applicable for our ECHO[®] products)

- European regulation EU1935/2004
- Recommendation XXXVI of the German BfR

For a specific compliance requirement please refer to our sales team.

ECHO[®] Standard

bleached glazed Glassine

100% bleached cellulose pulp	Standards	Tolerances
Substance	ISO 536	± 6 %
Thickness	ISO 534	± 6 %
Absolute residual moisture content	ISO 287	6,0 ... 8,0 %
PH-value	ISO 6588	6,0 ... 8,0

g/m ²	Thickness µm	Tensile strength MD ≥ N/15mm
		ISO 1924
25	20	27
30	24	32
35	28	36
40	32	38
50	40	45
60	48	50
70	56	65
80	64	70
90	72	82

Miscellaneous

Tolerances:

Roll widths	Tolerances
= 10 mm	+/- 0,2 mm
> 11 mm ... ≤ 20 mm	+/- 0,3 mm
> 20 mm ... ≤ 50 mm	+/- 0,4 mm
> 50 mm ... ≤ 100 mm	+/- 0,5 mm
> 100 mm ... ≤ 200 mm	+/- 1,0 mm
> 200 mm ... ≤ 400 mm	+/- 1,5 mm
> 400 mm ... ≤ 700 mm	+/- 2,0 mm
> 700 mm ... ≤ 1200 mm	+/- 2,5 mm
> 1200 mm	+/- 3,0 mm

For sheet products applies:
DIN EN 644

Transport, Handling and Storage Recommendation

- dry and hygienic storage (avoidance of strong odors)
- protection against humidity and moisture
- transport only in closed, hygienic and clean trucks or containers (no air condition)
- secure cargo from shifting
- temperature accommodation prior to converting essential to protect the Glassine from condensing humidity
- sheets - especially embossed - should not get piled

We can recommend a storage period of 12 months from the date of supply under the following conditions:

- storage in original packaging
- temperature: 10°C - 30°C
- indoor climate: 50 ± 10% humidity
- protection from thermal fluctuation, direct sunlight and damage

Beyond one-year storage we recommend to measure all relevant paper properties prior to processing.

**Contact**

Glatfelter Gernsbach GmbH

Hoerdener Straße 3-7

76593 Gernsbach, Germany

Phone: +49 7224 66-0

Fax: +49 7224 66-274

E-Mail: composite.fibers@glatfelter.com

