Plastdurker

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Technical Data Sheet – Thermal lamination film – Sandy Matte

Typical properties, processing and storage

Supplier	Plastdurker Kft. HU-1113 Budapest, Badacsonyi utca 13/A Tax no.: 12317011-2-43 · Company reg. no.: 01-09-665605
Product	**Thermal lamination film, Sandy Matte** – BOPP film with a sandy, gritty matte texture and a heat-activated adhesive layer
Applications	Thermal lamination of printed paper and board: book covers, luxury and cosmetic packaging, rigid boxes, folding cartons, business cards
Document no.	PD-TDS-THERM-2026-10
Date of issue	02/10/2026

Typical properties

Property	Unit	Typical value
Base film	–	BOPP
Total thickness	µm	50
Yield	m²/kg	31.06
Gloss	%	9
Surface roughness Rz	µm	15 – 30
Surface tension (dyne level)	mN/m	≥ 38
Coefficient of friction	–	≤ 0.6
Lamination temperature	°C	110 – 125
Lamination strength	N/25.4 mm	≥ 7.5
Core / roll length	–	3″ (76 mm) / approx. 1,520 m
Width	mm	to order (e.g. 600)

Surface finish and post-lamination

- Optical: matte with a transparent base. Tactile: sandy, gritty texture with good scuff and scratch resistance.
- Suitable for spot UV varnish, hot-foil stamping, screen-printing varnish and digital 3D varnish. Glueable, including with hot-melt adhesives.

Processing

- Laminate at 110–125 °C. Adjust nip pressure and speed to the substrate and ink coverage; make sure inks and coatings are fully dry before lamination.
- Allow the laminated sheets to cool before stacking and further converting. Trials are recommended before production runs, especially for post-lamination finishing.

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Packaging, storage and handling

- Rolls wound on cardboard cores, end-protected and packed in cartons or on pallets. Do not stack pallets.
- Store in the original packaging at 15–25 °C and 50–60% relative humidity, away from direct sunlight and heat sources; avoid long periods below freezing.
- Shelf life: use within 6 months of delivery. Use the oldest stock first (FIFO). Let rolls reach the temperature of the processing room before use.

Regulatory status

The film is a REACH article and is not intended for direct food contact. REACH and PPWR information is given in Declaration of Compliance **PD-DoC-THERM-2026-10**.

Note

The values above are typical values based on the manufacturer's data and our current knowledge. They are not a guaranteed specification. Because materials and processing conditions vary and are outside our control, we recommend trials before production use. Plastdurker Kft. accepts claims only for material in its original, unprocessed form, identified by the label of the roll or box.

Budapest, 02/10/2026

Plastdurker Kft.
Noémi Lévai-Kiss
Sales and Finance Manager

PLASTDURKER KFT.
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Authorised signature and company stamp