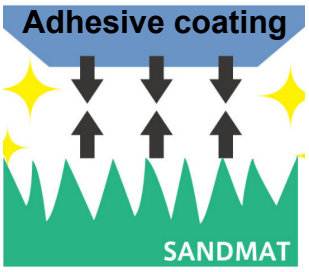
SANDMATTE

Matte Surface Films for industrial applications

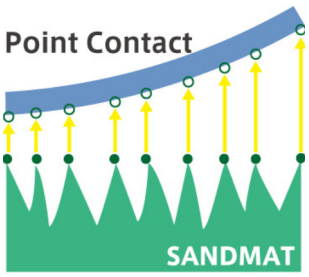
Sandmatte is a universal film with single or double sided **matte surface**. The matte surface is manufactured in a **sandblasting process** that can produce three different roughness grades. These films have good **temperature stability** and **wetability** for printing applications. The matte surface also offers **anti-blocking properties** preventing surfaces to stick together. This product is available with **standard PET** base film as well as **optional PEN, PI, PP or TAC** materials for specific applications.

Advantage of matte surfaces

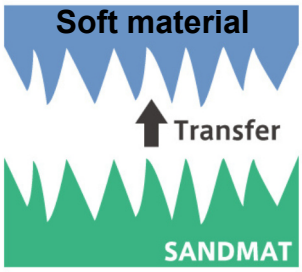
IMPROVED ADHESION



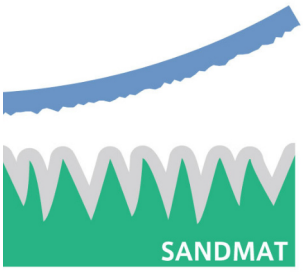
BLOCKING PREVENTION



STRUCTURE TRANSFER



STRUCTURED MOLD RELEASE



Applications for Sandmatte

- Base film for labels and tapes
- General screen printing
- Conductive paste printing for printed electronics / Bio sensors etc.
- Base film for metalized labels
- Carrier tape for industrial processes
- Gaskets and insulation for energy applications (Batteries and Fuel cells)
- Surface transfer for molded materials
- Material thicknesses on request: 50µ / 75µ / 100µ / 125µ / 188µ

The films are **suited** for processes such as **laser-** or **die cutting**.

Standard Product Data

Products

Mat Lumirror
50, 75, *100*, 125, 188

KMT offers other thicknesses, black PET, white PET, simple release treatment (polymer coating), and double-sided types upon request.

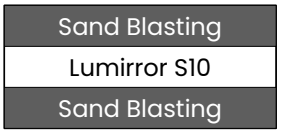
Applications

- High adhesion
- Antiblocking
- Transfer molding
- Matte
- Relesability

Structure

Mat Lumirror **50, 75, *100*, 125, 188**

Mat Lumirror **100B *(Double Side)***



Sample Technical Data

Item	Mat Lumirror **75**	Mat Lumirror **100**	Mat Lumirror **100B (Double Side)**
Ra (※2)	0.64μm	0.71μm	0.71μm
Rmax	7.60μm	7.13μm	7.13μm
Rz	5.59μm	5.72μm	5.72μm
Gloss 60° (※2)	6.4%	5.1%	5.0%
Total Light Transmittance	85.6%	84.4%	81.7%
Haze	85.8%	88.8%	95.3%
Heat shrinkage (※1)	MD - 0.8% / TD - 0.2%	MD - 1.0% / TD - 0.2%	MD - 0.9% / TD - 0.3%
Total Thickness	77μm	100μm	103μm

The values represent measurements on specific samples

All technical data is subject to change

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