

**KIMOTO**

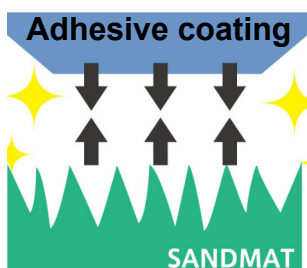
SANDMATTE

Matte Surface Films for industrial applications

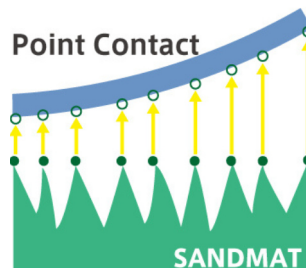
Sandmatte is a universal film with single or double sided **matte surface**. The matte surface is manufactured in a **sandblasting process** that can produce three different roughness grades. These films have good **temperature stability** and **wetability** for printing applications. The matte surface 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

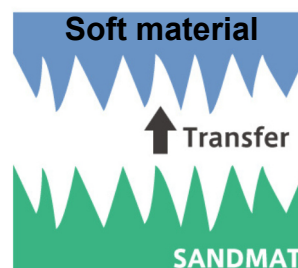
IMPROVED ADHESION



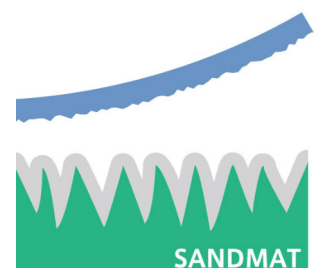
BLOCKING PREVENTION



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: 25μ / 50μ / 75μ / 100μ / 125μ / 188μ

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

Standard Product Data

Products **Mat Lumirror**
25, 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 (Single Side) 25, 50, 75, 100, 125, 188	Mat Lumirror B (Double Side) 75, 100, 125, 188	Mat Lumirror D (Single Side - Deep Blast) 50, 75, 100, 125, 188
	Sand Blasting Lumirror S10	Sand Blasting Lumirror S10 Sand Blasting	Sand Blasting Lumirror S10

Sample Technical Data

Reference	Sandblasted Surface	Main Size	Total Thickness	Ra	Rmax	Rz
Mat Lumirror 25	Single Side	1,070mm x 6,000m	26µ	0.33	3.77	3.07
Mat Lumirror 50	Single Side	1,070mm x 4,000m	52µ	0.60	6.53	5.32
Mat Lumirror 75	Single Side	1,200mm x 2,000m	77µ	0.64	7.60	5.59
Mat Lumirror 100	Single Side	1,000mm x 1,600m	102µ	0.71	7.13	5.72
Mat Lumirror 125	Single Side	1,000mm x 1,200m	127µ	0.64	7.57	5.80
Mat Lumirror 188	Single Side	1,000mm x 800m	190µ	0.71	7.06	5.52
Mat Lumirror 75B	Both Side	1,200mm x 2,000m	79µ	0.64	7.60	5.59
Mat Lumirror 100B	Both Side	1,000mm x 1,600m	103µ	0.71	7.13	5.72
Mat Lumirror 125B	Both Side	1,000mm x 1,200m	128µ	0.69	7.02	5.80
Mat Lumirror 188B	Both Side	1,000mm x 800m	192µ	0.71	7.06	5.52
Mat Lumirror 50D	Single Side	1,070mm x 4,000m	54µ	0.70	6.77	5.86
Mat Lumirror 75D	Single Side	1,200mm x 2,000m	76µ	0.75	7.48	6.02
Mat Lumirror 100D	Single Side	1,000mm x 1,600m	104µ	0.86	8.39	6.86
Mat Lumirror 125D	Single Side	1,000mm x 1,200m	129µ	0.80	8.15	6.77
Mat Lumirror 188D	Single Side	1,000mm x 800m	192µ	0.84	8.84	7.16

The values represent measurements on specific samples

All technical data is subject to change

