SANDMATTE

Matted PET film for industrial applications

Overview

Sandmatte is a universal PET film with single or double sided matte surface. The matte surface is manufactured in a sandblasting process that can produce three different roughness grades. Sandmatte films have good temperature stability and excellent wetability for printing applications. The matte surface offers anti-blocking properties preventing surfaces to stick together. This product is available with transparent or white base film.

Applications:
- Base film for labels and tapes
- Conductive paste printing for membrane switches
- Stencil production
- Base film for metalized labels
- Leader tape for magnetic films
- General screen printing
- Economic light diffusor

The film is suited for processes such as laser- or die cutting.

Products

	SANDMATTE 125DDS	SANDMATTE 125DSS	SANDMATTE 75DDS	SANDMATTE 75DSS
Features	***125µ PET*** ***Transparent*** ***Deep matte*** ***Double sided***	***125µ PET*** ***Transparent*** ***Deep matte*** ***Single sided***	***75µ PET*** ***Transparent*** ***Deep matte*** ***Double sided***	***75µ PET*** ***Transparent*** ***Deep matte*** ***Single sided***
	Good wetability Good stability Antiblocking	Good wetability Good stability Antiblocking	Good wetability Good stability Antiblocking	Good wetability Good stability Antiblocking
Applications	Labels and Tapes Membrane switches Screen printing Stencil production Magnetic tapes Light diffusion	Labels and Tapes Membrane switches Screen printing Stencil production Magnetic tapes Light diffusion	Labels and Tapes Membrane switches Screen printing Stencil production Magnetic tapes Light diffusion	Labels and Tapes Membrane switches Screen printing Stencil production Magnetic tapes Light diffusion
Structure	Matted surface / Deep Transparent PET film Matted surface / Deep	Matted surface / Deep Transparent PET film	Matted surface / Deep Transparent PET film Matted surface / Deep	Matted surface / Deep Transparent PET film

Specifications

	SANDMATTE 125DDS	SANDMATTE 125DSS	SANDMATTE 75DDS	SANDMATTE 75DSS
Film width	1300mm	1300mm	1300mm	1300mm
PET base film	125 Micron	125 Micron	75 Micron	75 Micron
Total thickness	133 Micron	129 Micron	83 Micron	79 Micron
Gloss (matte side)	5.5%	5.5%	5.5%	5.5%
Roughness µm	0.7µm	0.7µm	0.7µm	0.7µm
Transmisssion	>80%	>85%	>80%	>85%
Haze	>93%	>84%	>93%	>84%
Half value angle	~10°	~4°	~10°	~4°
Thermal shrinkage				
TD	<0.7%	<0.7%	<0.7%	<0.7%
MD	<1.4%	<1.4%	<1.4%	<1.4%

Shown values represent measurements on specific samples

All technical data is subject to change

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