

# Technical Data Sheet

## PicoFilm P-200 M2

### Description

PicoFilm P-200 M2 is a white PET-Film, coated on both sides with a matt primer.

### Applications

- ◆ Tags for outdoor applications

### Special Features

- ◆ V.I.P. printable ( see below )
- ◆ Temperature resistant
- ◆ Suitable for outdoor use
- ◆ Good dimensional stability in laser printer

### Printability

Can be printed on:

- ◆ Flexo-, Letterpress-, Offsetprinting ( sheets only ).
- ◆ with UV- or conventional drying process

### Physical Properties

<b>Weight</b>		255 ± 15	g/m <sup>2</sup>	ISO 536
<b>Thickness</b>		195 ± 10	µm	ISO 534
<b>Smoothness</b>		100 - 200	s	ISO 5627
<b>Opacity</b>		> 95	%	ISO 2471
<b>Stiffness</b>	<b>M.D.</b>	440 ± 10	mN	DIN 53 121, 15°/10mm
	<b>C.D.</b>	440 ± 10	mN	
<b>Tear strength</b>	<b>M.D.</b>	380 ± 30	N/15mm	ISO 527-1 250mm/min
	<b>C.D.</b>	430 ± 30	N/15mm	
<b>Elongation at break</b>	<b>M.D.</b>	280 ± 30	%	ISO 527-1 250mm/min
	<b>C.D.</b>	260 ± 30	%	

### Suitability for V.I.P ( Variable Information Printing )

Laser : Yes  
Thermal Transfer : Yes, with wax, resin/wax and resin ribbons.  
Others : Dot matrix, pen and pencil

### Storage & Converting

For quality reasons PicoFilm should be stored originally packed.  
Storage & converting conditions of 23±5°C and 50±10% rel. humidity are recommended.

We always recommend comprehensive testing of materials prior to regular conversion.

All information is based on current quality level. We reserve the right to change this as part of our continual product development.  
Any guarantee of product characteristics or suitability for specific application requires separate written confirmation from Sihl.

Status: March 2009

Please, always ask for the latest data sheet.

