# Technical Data Sheet
# PicoFilm P-150 M2

## Description

PicoFilm P-150 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 details below )
- Temperature resistant
- Suitable for outdoor use
- Good dimensional stability in laser printer

## Printability

Can be printed on:
- Flexo-, Letterpress-, Silk-screen printing
- with UV- or conventional drying process
- Printable on digital press
- **Kodak Nexpress approved grade !**

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

| | | |
|---|---|---|
| Thermal Transfer | : | Yes, with wax, resin/wax and resin ribbons. |
| Dot Matrix | : | Yes |
| Other | : | pen and pencil |
| Laser Printer | : | suitable for black and color<br>Tested on: |

- Brother — HL-7050 N, HL-4000 CN
- Epson — EPL-6100, EPL-N2750, Aculaser C900, C1900, C4000, C8600
- Genicom — Intelliprint cL 160
- HP — Laserjet 2300, 4000, 4300, 9000<br>Color Laserjet 4550, 4600, 5500
- Konica-Minolta — Magicolor 2300, 2350, 2450, 3100, 5450, 7300
- Lexmark — T622, T632, W812, W820, C750, C912
- Oki — C5000 Serie, C7000 Serie, C9000 Serie
- Xanté — ColourLaser 1200, CL-30
- Xerox — Phaser 6200DP, 7300DT, 7700GX, 8200DX, DocuColor 12, iGen3, 3535 & Pro 40

## Physical Properties

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Weight** | | : | 185 | ± | 5 | g/m² | ISO 536 |
| **Thickness** | | : | 145 | ± | 5 | µm | ISO 534 |
| **Smoothness** | | : | 100 | - | 200 | s | ISO 5627 |
| **Stiffness** | **MD** | : | 175 | ± | 30 | mN | DIN 53 121 / 15°/10mm |
| | **CD** | : | 175 | ± | 30 | mN | |
| **Tear strength** | **MD** | : | 300 | ± | 50 | N/15mm | ISO 527-1 |
| | **CD** | : | 290 | ± | 30 | N/15mm | |
| **Elongation at break** | | | | | | | |
| | **MD** | : | 210 | ± | 30 | % | ISO 527-1 |
| | **CD** | : | 300 | ± | 30 | % | |
| **Opacity** | | : | > | | 95 | % | ISO 2471 |

## 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.

PicoFilm
simply unique

[* {.../AT/DATENBLÄTTER/PicoFilm/ P-150 M2 - 7832 E] RI-AT wl 2011-01-01 ]