

# Technical product information

Polyethylene, white, matte, opaque, coated, extremely permanent adhesive

Material code: MB-PE

Status: Feb-26

## Upper

White, matte, opaque, silicate-filled, laser-compatible polyethylene film

Feature	Value	Unit	Standard
Basis weight	approx. 116	g/m <sup>2</sup>	ISO 536
Thickness	approx. 178	µm	ISO 534
Tensile strength (MD)	approx. 10	N/15 mm	ISO 527
Tensile strength (CD)	approx. 5	N/15 mm	ISO 527
Opacity	approx. 95	%	ISO 2471

## Adhesive

Extremely permanent acrylate-based pressure-sensitive adhesive

Feature	Value
Initial adhesive strength	extremely strong
Final adhesive strength	extremely strong
Shear strength	extremely strong

## Liner

White Kraft Paper Coated on One Side

Feature	Value	Unit	Standard
Basis weight	approx. 92	g/m <sup>2</sup>	ISO 536
Thickness	approx. 88	µm	ISO 534

## Adhesive bond

Feature	Value	Unit	Standard
Basis weight	approx. 281	g/m <sup>2</sup>	ISO 536
Thickness	approx. 299	µm	ISO 534
Minimum bonding temperature	0	°C	
Application temperature short-term up to 200 °C - Hot fixation	-40 to 150	°C	

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## Shelf life

The material should be stored at a temperature of  $20 \pm 5$  °C and a relative humidity of  $45 \pm 5\%$  dry, protected from light and in the original packaging. Moisture, heat and direct sunlight should be avoided. When stored properly, the shelf life is 2 years from the date of manufacture.

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