

Technical product information

Polyethylene, transparent, glossy, coated, permanently adhesive

Materialcode: MR-PE-T

Status: Feb-26

Upper

Transparent, glossy, polyethylene film

Feature	Value	Unit	Standard
Basis weight	approx. 73	g/m ²	ISO 536
Thickness	approx. 78	µm	ISO 534
Tensile strength (MD)	approx. 20	N/15 mm	ISO 527
Tensile strength (CD)	approx. 19	N/15 mm	ISO 527
Transparency	approx. 90	%	DIN 53147

Adhesive

Permanent, transparent acrylate-based pressure-sensitive adhesive

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

Beams

White, supercalendered glassine paper

Feature	Value	Unit	Standard
Basis weight	approx. 58	g/m ²	ISO 536
Thickness	approx. 49	µm	ISO 534

Adhesive bond

Feature	Value	Unit	Standard
Basis weight	approx. 148	g/m ²	ISO 536
Thickness	approx. 144	µm	ISO 534
Minimum bonding temperature	0	°C	
Application temperature	-30 to 60	°C	

The information available describes the product in its essential technical characteristics. They are for general guidance and do not constitute a guarantee or assurance of specific characteristics. The suitability of the material for the respective application must be checked by the user on his own responsibility. Labelident does not accept any liability beyond the obligations regulated by law or specified in the general terms and conditions of sale. Technical changes in the context of product development are reserved. Labelident is not the manufacturer of the raw material described.

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Shelf life

The material should be stored at a temperature of 20 ± 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.

Conformities

The material is considered physiologically and toxicologically harmless when used as intended. It may be in direct contact with dry, watery, acidic, alcoholic, and fatty foods.

The pressure-sensitive adhesive used has a very low tendency to migrate and is suitable for direct contact with dry, moist and greasy foods that are assigned a correction factor of at least 3.

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