

Technical product information

Thermo-Top paper, white, matte, coated, permanent adhesive

Material code: MR-TT

Status: Feb-26

Upper

White thermal paper with protective coating on the top in standard top quality certified according to FSC® Mix Credit

| Feature | Value | Unit | Standard |
|--------------------------|------------|------------------|-----------|
| Basis weight | approx. 74 | g/m ² | ISO 536 |
| Thickness | approx. 82 | µm | ISO 534 |
| Breaking Resistance (MD) | approx. 70 | N/15 mm | DIN 53112 |
| Breaking Resistance (CD) | approx. 34 | N/15 mm | DIN 53112 |
| Opacity | approx. 88 | % | ISO 2471 |
| Reaction color | Black | | |

Adhesive

Permanent acrylate-based pressure-sensitive adhesive

| Feature | Value |
|---------------------------|-------------|
| Initial adhesive strength | very strong |
| Final adhesive strength | very strong |
| Shear strength | very strong |

Liner

Brown, supercalendered glassine paper

| Feature | Value | Unit | Standard |
|--------------|------------|------------------|----------|
| Basis weight | approx. 54 | g/m ² | ISO 536 |
| Thickness | approx. 47 | µm | ISO 534 |

Adhesive bond

| Feature | Value | Unit | Standard |
|-----------------------------|-------------|------------------|----------|
| Basis weight | approx. 145 | g/m ² | ISO 536 |
| Thickness | approx. 143 | µm | ISO 534 |
| Minimum bonding temperature | 0 | °C | |
| Application temperature | -30 to 50 | °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 phenol-free and is considered physiologically and toxicologically harmless when used as intended. It must only be in direct contact with food that experience has shown to be washed or peeled before consumption. 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. The paper material is based on pulp from FSC-certified® forestry operations and controlled sources.

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