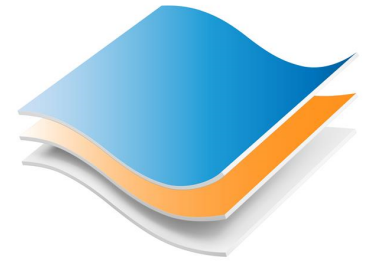


**653101022 TOP THERMAL-P100-HG**

|                 |                                                                                                                                                                                                                                                                                            |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Face</b>     | A white topcoated thermal paper that is coated with black imaging thermosensitive coating. This paper has very good resistance to moisture, oil, fat and plasticizers. This paper is BPA-free.                                                                                             |
| <b>Adhesive</b> | An acrylic-based, strong permanent adhesive designed for general-purpose applications. It provides excellent initial tack and adhesion across a wide variety of substrates. It ensures superior performance during slitting, high-speed matrix stripping and automatic labeling processes. |
| <b>Liner</b>    | Honey, supercalendered siliconised glassine paper. Specially designed for high speed conversion, punching and perforation. Transparency allows its use in automatic dispensing system.                                                                                                     |



|             |  |
|-------------|--|
| TOP THERMAL |  |
| P100        |  |
| HG          |  |

| Face                    | Method       | Unit             | Target    |             |
|-------------------------|--------------|------------------|-----------|-------------|
| Basis Weight            | ISO 536      | g/m <sup>2</sup> | 72        |             |
| Thickness               | ISO 534      | µm               | 75        |             |
| <b>Adhesive</b>         |              |                  |           |             |
| Peel adhesion 90°       | FTM 2 st. st | N/m              | 240       | ( 6 N/25mm) |
| Loop Tack               | FTM 9 glass  | N/m              | 480       | (12 N/25mm) |
| Min. appl. Temperature  |              | °C               | 0         |             |
| Service Temperature     |              | °C               | -20 / +80 |             |
| <b>Liner</b>            |              |                  |           |             |
| Basis Weight            | ISO 536      | g/m <sup>2</sup> | 53        |             |
| Thickness               | ISO 534      | µm               | 46        |             |
| Transparency            | DIN 53147    | %                | 49        |             |
| <b>Laminate</b>         |              |                  |           |             |
| Thickness               | ISO 534      | µm               | 130 ± %10 |             |
| <b>Slit Rolls</b>       |              |                  |           |             |
| Width                   | ISO 534      | mm               | ± 1       |             |
| Roll length measurement | ISO 534      | m                | ± %1      |             |

**Application and Use**

This Direct Thermal solution is designed for use in logistic or warehousing, inventory labeling applications, where limited image durability is required, on cardboard or paper surfaces. Contact with moisture, oil, fats, plasticizers and exposure to strong lighting should be avoided due to potential image fade.

**Conversion and Printing**

This product has good printability in all classical printing methods. Printing inks should be checked for suitability prior to use. This product is designed for use in thermal printing system at printing speeds up to 8 inch /200 mm per sec (based on printer's set up).

**Packaging**

The rolls are sliced according to customer requirements, double sided siliconised papers are put between of rolls. Paperboards are placed at the sides. They are delivered on pallets. Product description labels are fixed on rolls.

**Shelf Life and Storage Conditions**

One year when stored away from direct sunlight and heat, in a dark, dry place at a temperature of 22 °C ± 2 °C with a relative humidity of 50 %, ± 5%.