

**653103600**
**TOP THERMAL -H400- YG\_D**

|                 |   |
|-----------------|---|
| <b>Face</b>     | A white topcoated paper that is coated with black imaging thermosensitive coating. This paper has very good resistance to moisture, oil, fat, alcohol and plasticizers.   |
| <b>Adhesive</b> | Rubber based hotmelt, permanent adhesive for general use. Excellent adhesive performance on a wide variety of substrates including apolar, slightly rough and curved substrates. Particularly good performance at lower temperatures, we recommend to check suitability prior to use. Excellent performance during slitting, high speed matrix-stripping and automatic labelling. |
| <b>Liner</b>    | Yellow, supercalandered siliconised glassine paper. Specially designed for high speed conversion, punching and perforation. Transparency allows its use in automatic dispensing system.   |

| <b>Face</b>           | <b>Method</b> | <b>Unit</b>      | <b>Target</b> |                  |
|-----------------------|---------------|------------------|---------------|------------------|
| Basis Weight          | ISO 536       | g/m <sup>2</sup> | 70 ± 5        |                  |
| Thickness             | ISO 534       | µm               | 72 ± 5        |                  |
| <b>Adhesive</b>       |               |                  |               |                  |
| Peel adhesion 90°     | FTM 2 st.st   | N/m              | min.240       | (min. 6 N/25mm)  |
| Loop Tack             | FTM 9 glass   | N/m              | Min.480       | (min. 12 N/25mm) |
| Min. appl temperature |               | °C               | 0             |                  |
| Service temperature   |               | °C               | -30 / +70     |                  |
| <b>Liner</b>          |               |                  |               |                  |
| Basis Weight          | ISO 536       | g/m <sup>2</sup> | 56 ± 2        |                  |
| Thickness             | ISO 534       | µm               | 50 ± 3        |                  |
| Transparency          | DIN 53147     | %                | 49            |                  |
| <b>Laminate</b>       |               |                  |               |                  |
| Thickness             | ISO 534       | µm               | 133 ± 5       |                  |

**Application and use**

Typical applications identification barcode labels for pre-packed food, industrial barcoding for logistics, transport and tracking as well as thermal labels where a good level of image resistance is required.

**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%.