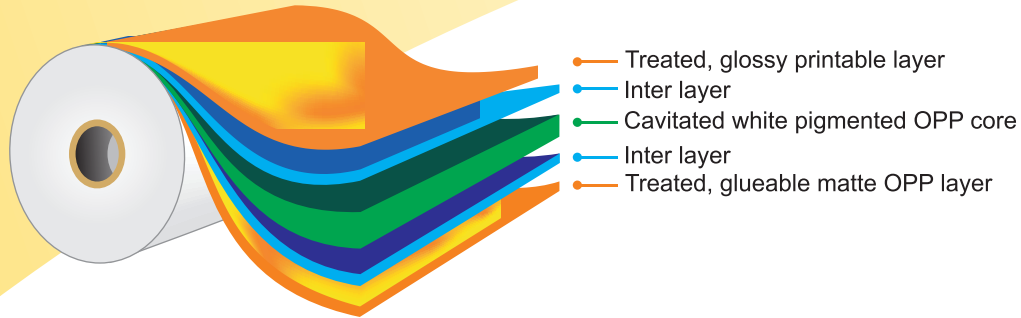


# White Opaque Wrap Around Label Film (Both Side Treated)

## 38 HST-2 (PLO) LBS

### Structure



### Description

It is a co-extruded, both sides heat sealable and both side treated cavitated white opaque Bi-axially Oriented Polypropylene film.

### Features

- Excellent machinability
- High gloss and opacity
- Good ink adhesion
- Low density and high yield
- Good antistatic

### Applications

- Wrap around labels for containers of soft drinks, mineral water etc.

### Typical Values

| Properties                    | Ref.        | Units               | Astm # / Test Method | 38 HST-2 (PLO) LBS |
|-------------------------------|-------------|---------------------|----------------------|--------------------|
| <b>Physical Data</b>          |             |                     |                      |                    |
| Average Thickness             |             | micron              | D-374-C              | 38                 |
|                               |             | gauge               |                      | 152                |
|                               |             | mils                |                      | 1.5                |
| Thickness Variation           |             | % (±)               |                      | 5                  |
| Average Substance             |             | g/m <sup>2</sup>    |                      | 24.7               |
| Surface Tension (min.)        | Glossy side | dynes/cm            | D-2578               | 38                 |
|                               | Matte side  |                     |                      | 38                 |
| Kinetic COF                   | Matte/Matte |                     | D-1894               | 0.40 - 0.60        |
| Yield                         |             | in <sup>2</sup> /lb | D-4321               | 40.5               |
| <b>Optical Data</b>           |             |                     |                      |                    |
| Gloss (45 °)                  |             | gardner             | D-2457               | > 75               |
| Opacity                       |             | %                   | Hunter Lab(D25-2CR)  | > 83               |
| Whiteness Index               |             | %                   | E-313                | > 80               |
| <b>Mechanical Data</b>        |             |                     |                      |                    |
| Tensile Strength              | MD          | kg/ cm <sup>2</sup> | D-882                | 600 - 900          |
|                               | TD          |                     |                      | 1200 - 1600        |
| Elongation                    | MD          | %                   | D-882                | 130 - 180          |
|                               | TD          |                     |                      | 30 - 80            |
| <b>Thermal Data</b>           |             |                     |                      |                    |
| Shrinkage<br>(248 °F, 5 min.) | MD          | %                   | D-1204               | 2.0 - 4.0          |
|                               | TD          |                     |                      | 1.0 - 3.0          |

CTM : Cosmo Test Method      MD : Machine Direction      TD : Transverse Direction

**Disclaimer:** The information provided above is based on COSMO FILMS LTD's conclusive tests, which are indicative only and provided as guidelines. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications.

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