

White CPP Film

CPP WhiteFilm

CWLH



One side corona treated with heat resistance, heat sealable with very low SIT on reverse side

Description

Coextruded film made of an optimized blend of polypropylene resins and white pigment in the core layer that assures low heat seal temperature in the non-treated side with an optimal balance of light transmission and tear resistance. It is formulated with a combined migratory / non-migratory slip and antistatic package for high slip level and low static generation. Its formulation presents a good moisture barrier.

Main Characteristics

- White pigmented.
- High flexibility.
- Heat resistance for sealing jaw temperatures.
- Outstanding slip and antistatic properties.
- Good tear strength.
- Excellent flatness and dimensional stability.

Applications

Designed to be used as a mono-web or in laminations where a glossy white background is required. Due to its excellent whiteness, converters may take advantage to save or even eliminate white ink in their designs. This film can be side welded or fin flat sealed in all kind of automatic or manual vertical and horizontal packing machinery. Its sealant properties allow this film to be employed in many high speed applications. It meets FDA and EU regulations for food contact.

* Important Considerations

- It is recommended to store this material at conditions not exceeding 30°C, under shade and with a relative humidity of 60%. To protect against humidity and avoid film blocking, rolls should stay covered with the plastic overwrap when not in use.
- The information in this data sheet is based on tests carried out in our laboratories and it is intended to be used for reference only, and does not constitute a specification; therefore, should not be construed as a guarantee of performance. It is the responsibility of the user to carry out the necessary tests to guarantee its use for the intended applications.
- This product complies with FDA and EU regulations. For more detailed information about our technical and regulatory documents, please visit our website: <https://www.obengroup.com/en/documents>

Standard Dimensions *

*This product has lot size and width restrictions. Please consult your sales representative.

| Film Code | Thickness (µm) | Unit Weight (g/m ²) | Width (mm) | Core Size | 760 mm Ø Outside Diam. | | Treatment |
|-----------|----------------|---------------------------------|--------------|-----------|------------------------|----------------|-----------|
| | | | | | Length (m) | Weight (kg/cm) | |
| CWLH 25 | 25.0 | 23.5 | 400 to 2,000 | 3" & 6" | 17,200 | 4.03 | Outside |
| CWLH 28 | 28.0 | 26.3 | | | 15,400 | | |
| CWLH 30 | 30.0 | 28.2 | | | 14,300 | | |
| CWLH 50 | 50.0 | 47.0 | | | 8,600 | | |

Typical Values of Physical Properties **

**Information and data presented in this data sheet is intended to be used as general guidelines. Physical properties specifications are available upon request.

| Property | Unit | Testing Method | Thickness in Microns | | | |
|--|------|----------------|----------------------|-------|-------|-------|
| | | | 25.0 | 28.0 | 30.0 | 50.0 |
| Light Transmission | - | ASTM D1003 | 45 | 42 | 35 | |
| Gloss 45° | - | ASTM D2457 | 90 | | | |
| Coefficient of Friction - Kinetic | N/N | ASTM D1894 | 0.20 | | | |
| | T/T | | 0.20 | | | |
| Secant Modulus 2% | DM | ASTM D882 | 600 | | | |
| | DT | | 550 | | | |
| Impact Resistance | - | ASTM D3420 | 1.2 | | 2.2 | |
| Tear Resistance | DM | ASTM D1922 | 0.3 | | | |
| | DT | | 3.5 | | 4.5 | |
| Surface Tension | T | ASTM D2578 | 37 | | | |
| Heat Seal Initiation Temperature | N/N | ASTM F2029 | 100 | | | |
| Seal Strength (140°C, 40 psi, 1s) | N/N | ASTM F88 | 12 | 14 | 18 | |
| Water Vapor Transmission Rate (38 °C, 90 % R.H.) | - | ASTM F1249 | 12 | 11 | 9.0 | |
| Oxygen Transmission Rate (23 °C, 0 % R.H.) | - | ASTM D3985 | 3,650 | 3,600 | 3,550 | 3,400 |

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