

CPP Film

CPP FogFilm



Antifog, two side heat sealable, one side corona treated

Description

Coextruded film which contains anti-fog additive and is made of an optimized blend of polypropylene resins that delivers high sealability with an optimal balance of transparency, rigidity, slip level and tear resistance. Its formulation presents good moisture barrier. The corona treated side is located on the outside face of the reel.

Main Characteristics

- Anti-fog performance in cold and hot applications.
- Multiple usages.
- Wide heat seal range.
- High slip level.
- Excellent flatness and dimensional stability.
- Outside face corona treated suitable for good bonds to inks and adhesives.

Applications

This product is designed to be used as the internal web in laminations which stores cold products with high humidity content or for hot products which evaporates water. It has excellent anti-fog properties that prevent humidity accumulation in the internal surface of the package allowing good product visibility. It meets FDA and EU regulations for food contact. This film can be side welded, fin flat or lap flat sealed to itself to or to coextruded BOPP film. Its seal properties allow for its usage in multiple VVFS or HFFS packaging machinery. It is recommended to retreat this film before lamination to improve its bond strength.

* 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 *

| Film Code | Thickness (µm) | Unit Weight (g/m ²) | Width (mm) | Core Size | 760 mm Ø Outside Diam. | | Treatment |
|-----------|----------------|---------------------------------|--------------|-----------|------------------------|----------------|----------------|
| | | | | | Length (m) | Weight (kg/cm) | |
| CCf 30 | 30.0 | 27.1 | 400 to 2,000 | 3" & 6" | 13,900 | 3.76 | Corona outside |
| CCf 50 | 50.0 | 45.3 | | | 8,400 | | |

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

Typical Values of Physical Properties **

| Property | Unit | Testing Method | Thickness in Microns | | |
|--|------|--|----------------------|-------|-------|
| | | | 30.0 | 50.0 | |
| Haze | - | % | ASTM D1003 | 4.0 | 4.5 |
| Gloss 45° | - | % | ASTM D2457 | 75 | 70 |
| Coefficient of Friction - Kinetic | N/N | - | ASTM D1894 | 0.2 | |
| | T/T | | | 0.25 | |
| Secant Modulus 2% | DM | N/mm ² | ASTM D882 | 600 | |
| | DT | | | 550 | |
| Impact Resistance | - | J | ASTM D3420 | 1.2 | 1.8 |
| Tear Resistance | DM | N | ASTM D1922 | 0.3 | |
| | DT | | | 4.0 | 4.5 |
| Surface Tension | T | dyn/cm | ASTM D2578 | 37 | |
| Heat Seal Initiation Temperature | N/N | °C | ASTM F2029 | 120 | |
| | T/T | | | 130 | |
| Seal Strength (140°C, 40 psi, 1s) | N/N | N/25mm | ASTM F88 | 14 | 21 |
| Water Vapor Transmission Rate (38 °C, 90 % R.H.) | - | g/(m ² .día) | ASTM F1249 | 11 | 8 |
| Oxygen Transmission Rate (23 °C, 0 % R.H.) | - | cm ³ /(m ² .día) | ASTM D3985 | 3,600 | 3,450 |

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

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