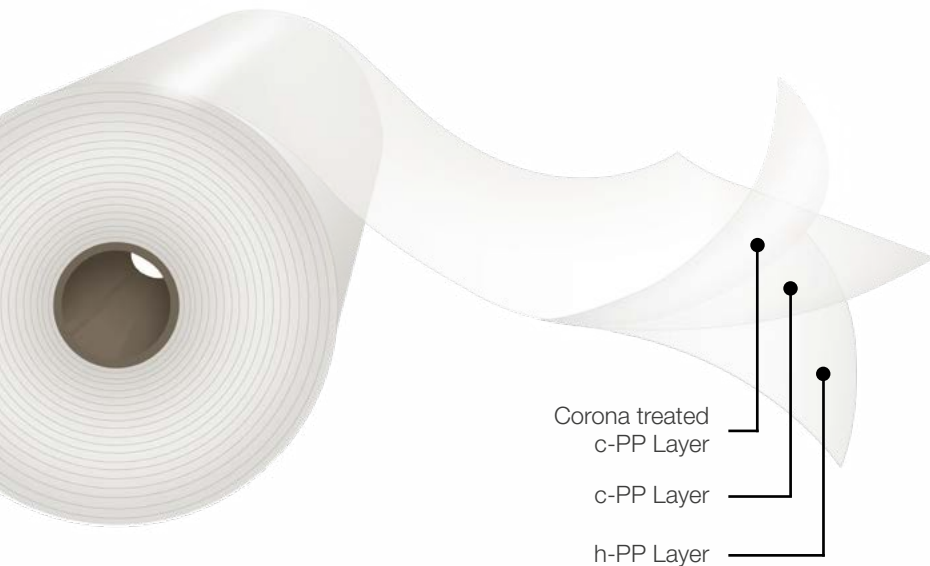


Transparent CPP Film

*Heat sealable and corona treated outside,
non-sealable inside, high flexibility*



Cpp ClearFilm H

CT H



Description

Cpp ClearFilm H is a coextruded film made of an optimum blend of polypropylene resins that delivers an excellent balance of physical properties. In addition, its formulation provides an excellent moisture barrier. The corona treated side is located on the outside face of the reel.

Main Characteristics

- High flexibility.
- High resistance for jaw temperature.
- Good tear strength.
- Outstanding flatness and dimensional stability.
- Corona treated outside.

Applications

This product is designed to provide good temperature resistance, high flexibility and tear resistance. It meets FDA regulations for direct food contact. This film is typically employed as outer layer in laminations with other Cpp or polyethylene substrates due to its high jaw temperature and tear resistance.

* Important Considerations

It is recommended to store this material at conditions not exceeding 86°F, at shadow and with a relative humidity of 60%

There might be a deterioration of certain physical properties by adverse storage conditions. It is therefore advisable to keep an adequate inventory turn-over of this material.

Standard Dimensions*

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

| CppFilm Code | Thickness (mils) | Yield (in ² /lb) | Width (in) | Core Size | 22½" Φ Outside Diam. | | 30" Φ Outside Diam. | | Treated Face |
|--------------|------------------|-----------------------------|------------|-----------|----------------------|----------------|---------------------|----------------|--------------|
| | | | | | Length (ft) | Weight (lb/in) | Length (ft) | Weight (lb/in) | |
| CT H 25 | 0.98 | 31,100 | 15 to 80 | 3" & 6" | 29,500 | 11.36 | 54,400 | 21.05 | Outside |
| CT H 30 | 1.18 | 25,900 | | | 24,600 | | 45,300 | | |
| CT H 35 | 1.38 | 22,200 | | | 21,000 | | 39,000 | | |
| CT H 40 | 1.57 | 19,400 | | | 18,400 | | 34,100 | | |
| CT H 50 | 1.97 | 15,500 | | | 14,800 | | 27,200 | | |
| CT H 60 | 2.36 | 13,000 | | | 12,100 | | 22,600 | | |

Typical Values of Physical Properties*

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

| Property | Unit | Testing Method | Thickness in mils | | | | | |
|---------------------------------------|---|--------------------|-------------------|-------|-------|-------|------|------|
| | | | 0.98 | 1.18 | 1.38 | 1.57 | 1.97 | 2.36 |
| Haze | % | ASTM D1003 | 4.5 | | | 5.5 | | |
| Gloss @ 45° | % | ASTM D2457 | 85 | | | | | |
| Coefficient of Friction - Kinetic | NT/NT | - | ASTM D1894 | | | | | |
| Secant Modulus @ 2% | MD | lb/in ² | ASTM D882 | | | | | |
| | TD | | 87,000 | | | | | |
| Impact Resistance | lb-ft | ASTM D3420 | 80,000 | | | | | |
| Tear Resistance | MD | lb | ASTM D1922 | | | | | |
| | TD | | 0.48 | | | | | |
| Surface Tension | dyne/cm | ASTM 2578 | 0.23 | | | | | |
| Heat Seal Initiation Temperature | NT/NT | °F | ASTM | | | | | |
| | T/T | | F88/F2029A | | | | | |
| Seal Strength @ 296 °F | g/in | @ 40 psi, 1 s | 1,200 | 1,450 | 1,650 | 1,850 | | |
| Water Vapor T. R. @ 100 °F, 90% R. H. | g/(100 in ² .day) | ASTM F1249 | 0.75 | 0.70 | 0.65 | 0.60 | 0.50 | |
| Oxygen T. R. @ 73 °F, 0% R. H. | cm ³ /(100 in ² .d) | ASTM D3985 | 235 | 230 | 230 | 225 | 225 | 215 |

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