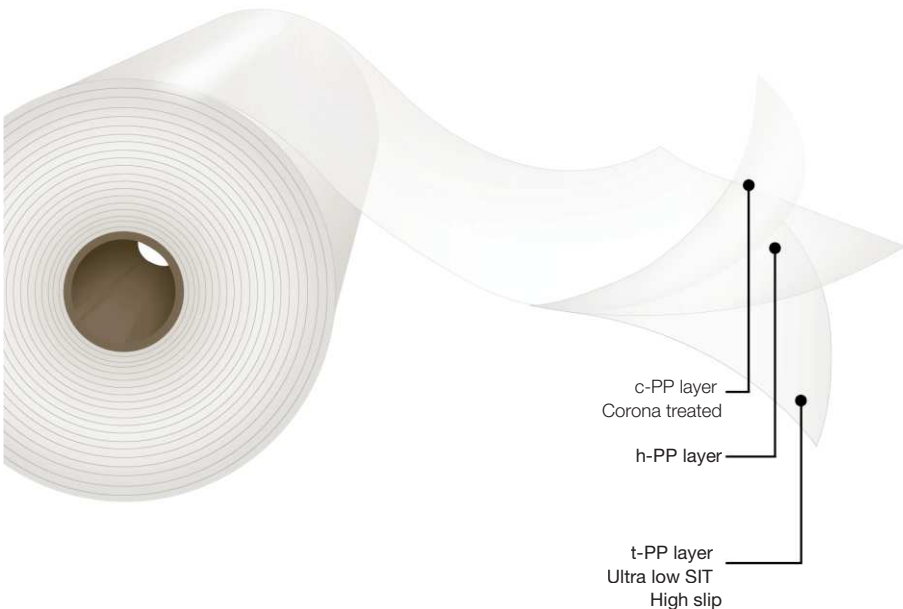


## BOPP Film

## OPP SealFilm



*Clear, two side heat sealable, one side ultra low SIT, corona treated on reverse side*

### Description

Formulated with a migratory / non-migratory additive package of slip and antistatic agents for an excellent machinability. The untreated face confers ultra-low heat seal initiation temperature and exceptional hot-tack range. This face is also formulated with a non-migratory polymeric additive to confer an excellent slip level in a wide range of temperature conditions. The corona treated side is located on the outside face of the reel.

### Main Characteristics

- Ultra low SIT.
- Broad hot-tack range.
- High and heat stable slip level.
- Excellent antistatic properties.
- Outstanding flatness and dimensional stability.
- Treated face suitable for good bonds to inks and adhesives.

### Applications

This product is design to be employed in a great variety of conversion processes and industrial and food packaging applications, as a single web or internal layer in laminated structures. It meets the FDA and EU regulations for food contact. Its seal properties allow it to be used in many final applications such as multiple very high speed VFFS or HFFS packaging machinery, in fin and/or lap seals even in the presence of contaminants. Its ultra-low heat seal initiation temperature can be utilized to package heat sensitive products such as chocolates and ice cream.

#### \* 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 (mils) | Yield (in <sup>2</sup> /lb) | Width (in) | Core Size | 22 1/2" $\Phi$ Outside Diam. |                | 30" $\Phi$ Outside Diam. |                | Treatment |
|-----------|------------------|-----------------------------|------------|-----------|------------------------------|----------------|--------------------------|----------------|-----------|
|           |                  |                             |            |           | Length (ft)                  | Weight (lb/in) | Length (ft)              | Weight (lb/in) |           |
| SA 15     | 0.59             | 51,900                      | 15 to 80   | 3" & 6"   | 49,600                       | 11.43          | 91,300                   | 21.1           | Outside   |
| SA 17     | 0.69             | 44,500                      |            |           | 42,400                       |                | 78,500                   |                |           |
| SA 20     | 0.79             | 38,900                      |            |           | 37,100                       |                | 68,600                   |                |           |
| SA 30     | 1.18             | 26,000                      |            |           | 25,000                       |                | 45,700                   |                |           |

## 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 Mils |      |      |      |
|---|------|----------------|-------------------|------|------|------|
|   |      |                | 0.59              | 0.69 | 0.79 | 1.18 |
| Haze  | -    | ASTM D1003     | 2.5               | 3.5  | 4.5  |      |
| Gloss 45°   | -    | ASTM D2457     | 80                |      |      |      |
| Coefficient of Friction - Kinetic                   | N/N  | ASTM D1894     | 0.2               |      |      |      |
|   | T/T  |                | 0.35              |      |      |      |
| Tensile Strength                                    | DM   | ASTM D882      | 18,200            |      |      |      |
|   | DT   |                | 34,100            |      |      |      |
| Elongation at Break                                 | DM   |                | 180               |      |      |      |
|   | DT   |                | 50                |      |      |      |
| Secant Modulus 2%                                   | DM   | 246,600        |                   |      |      |      |
|   | DT   | 435,200        |                   |      |      |      |
| Surface Tension                                     | T    | ASTM D2578     | 38                |      |      |      |
| Heat Seal Initiation Temperature                    | N/N  | ASTM F2029     | 176               |      |      |      |
|   | T/T  |                | 257               |      |      |      |
| Seal Strength (266°F, 40 psi, 1s)                   | N/N  | ASTM F88       | 500               |      | 600  |      |
|   | T/T  |                | 500               |      | 600  |      |
| Water Vapor Transmission Rate (100.4 °F, 90 % R.H.) | -    | ASTM F1249     | 0.55              | 0.46 | 0.42 | 0.3  |
| Oxygen Transmission Rate (73.4 °F, 0 % R.H.)        | -    | ASTM D3985     | 187               | 155  | 142  | 103  |

## OPP SealFilm

