

NF305

White Voided Non Heat Sealable Film



Description:

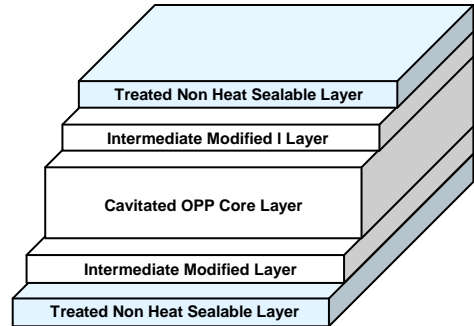
Gulf Pack NF305 is a white voided film with pearalized appearance. Both sides non heat sealable and both sides treated.

Product Features :

- High yield due to lower density
- Aesthetic pearl luster appearance
- White layer eliminates use of white ink in multi-color printing
- Good opacity

Applications :

- Printing and lamination
- Cold seal application



| PROPERTIES | | UNIT | Typical Values | | | | TEST METHOD |
|-------------------------------------|--|---------------------------|----------------|--------|--------|-------------|--|
| PHYSICAL | Thickness | Microns | 30 | 35 | 40 | 50 | ASTM D 374 |
| | | Gauge | 120 | 140 | 160 | 200 | |
| | Grammage | g/m ² | 18.60 | 21.70 | 24.8 | 31.0 | *GPIM |
| | | lbs/ream | 11.4 | 13.3 | 15.2 | 19.22 | |
| | Yield | m ² /kg | 53.76 | 46.08 | 40.32 | 32.30 | |
| | | in ² /lb | 37,876 | 32,465 | 28,407 | 22,755 | |
| | Density | g/cc | 0.62 | | | | |
| Coefficient of Friction (Film/Film) | | 0.45 | | | | ASTM D 1894 | |
| Surface Tension (Treated Side) | dynes/cm | 38 | | | | ASTM D 2578 | |
| OPTICAL | Opacity | % | 65 | 70 | 75 | 80 | ASTM D589-97 |
| | Gloss (45°) | | 90 | | | | ASTM D 2457 |
| MECHANICAL | Tensile Strength at Break | *MD | 9 | | | | ASTM D 882 |
| | | *TD | 18 | | | | |
| | | MD | 12,801 | | | | |
| | | TD | 25,602 | | | | |
| | Elongation at Break | MD | 150 | | | | ASTM D 882 |
| TD | | 45 | | | | | |
| THERMAL | Thermal Shrinkage | MD | < 4.0 | | | | GPIM (120°C (248°F), 5 min, air) |
| | | TD | < 2.0 | | | | |
| BARRIER | Water Vapor Permeability (W.V.T.R.) | g/m ² /24h | 7.2 | 5.8 | 5.1 | 4.2 | ASTM F 1249 (38°C / 90% RH) |
| | | g/100in ² /24h | 0.46 | 0.37 | 0.32 | 0.27 | |

Gulf Pack NF305 films comply with EU Regulation 10/2011/EC and USA FDA Code of Federal Regulations CFR21 section 177.1520 (c) 1.1 and are suitable for use in packaging, carrying and transporting foodstuffs.

The information contained in this technical leaflet illustrates typical values only and are to the best of our knowledge. Since the conditions under which our films may be used are beyond our control, such values are declared without warranty or guarantee.

Bi-axially oriented polypropylene films age with time and will exhibit deterioration of some properties if not stored in a suitable environment at a temperature 30°C or below. We strongly advise our customers to use recommended storage conditions and consume products before 6 months from date of production in our plant.

Gulf Pack NF305 standard surface treatment location is on both sides (B); other treatment preference can be arranged upon agreement with the sales representative before order processing.

Detailed advice regarding other specific applications of **Gulf Pack NF305** and other films in the Gulf Pack range is available upon request.