

HF125

BOPP Heat Sealable Film



TRANSPARENT BOPP FILM

DESCRIPTION :

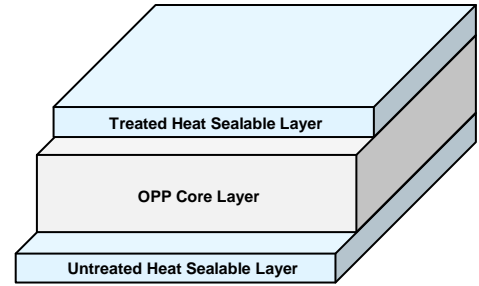
Gulf Pack HF125 is a transparent film with both sides heat sealable, specially designed for pasta packaging application.

PRODUCT FEATURES:

- Excellent machinability
- Excellent lay flat characteristics
- Good resistance to oils, fats & chemicals
- Good barrier to moisture, odor & gases

APPLICATIONS:

- Pasta packaging
- Rotogravure and flexographic printing
- Lamination
- HFFS and VFFS packaging



| PROPERTIES | | UNIT | TYPICAL VALUES | | | | TEST METHOD. |
|-------------------------------------|--------------------------------|---------------------|-----------------------|--------|--------|---------------------------------|--|
| PHYSICAL | Thickness | Microns | 18 | 20 | 25 | 30 | ASTM D 374 |
| | | Gauge | 72 | 80 | 100 | 120 | |
| | Grammage | g/m ² | 16.38 | 18.20 | 22.75 | 27.30 | *GPIM |
| | | lbs/ream | 10.1 | 11.2 | 14.0 | 16.8 | |
| | Yield | m ² /kg | 61.05 | 54.95 | 43.96 | 36.63 | |
| | | in ² /lb | 43,000 | 38,700 | 31,000 | 25,800 | |
| Coefficient of Friction (Film/Film) | | | 0.35 | | | | ASTM D 1894 |
| Surface Tension (Treated Side) | | dynes/cm | 38 | | | | ASTM D 2578 |
| OPTICAL | Haze | % | 2.5 | | | | ASTM D 1003 |
| | Gloss (45°) | | 85 | | | | ASTM D 2457 |
| MECHANICAL | Tensile Strength at Break | *MD | 15 | | | | ASTM D 882 |
| | | *TD | 27 | | | | |
| | | MD | 21,330 | | | | |
| | | TD | 38,394 | | | | |
| | Elongation at Break | MD | 170 | | | | ASTM D 882 |
| | | TD | 50 | | | | |
| THERMAL | Thermal Shrinkage | MD | < 4.0 | | | | GPIM (120°C (248°F), 5 min, air) |
| | | TD | < 2.0 | | | | |
| | Heat Seal Range | °C (°F) | 105 – 140 (221 – 284) | | | | GPIM |
| | Heat Seal Strength (Film/Film) | g/15mm | 275 | | | | GPIM (130°C, 1bar, 1sec) |
| lb/0.59in | | 0.60 | | | | GPIM (266°F, 14.5psi, 1 sec) | |

* GPIM – Gulf Pack Internal Method *MD – Machine Direction *TD – Transverse Direction

Gulf Pack HF125 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 HF125 standard surface treatment location is on the outer side (O); other treatment preference can be arranged upon agreement with the sales representative before order processing.

Detailed advice regarding other specific applications of **Gulf Pack HF125** and other films in the Gulf Pack range is available upon request.