



High Barrier Thermoforming Film THF001

12 Mil

High Barrier Thermoforming Film is co-extruded PA // EVOH // PE film. Industry leading clarity and great forming draw characteristics.

| PROPERTIES | TEST METHOD | UNIT | | TARGET | MINIMUM | MAXIMUM |
|--|-------------|---|---------|--------|---------|---------|
| Thickness | Internal | Mil | | 12 | 11.4 | 12.6 |
| | | Micron | | 300 | 285 | 315 |
| Yield | ASTM D 4321 | m ² /kg | | 3.45 | 3.28 | 3.62 |
| | | in ² /lb | | 2,428 | 2,307 | 2,549 |
| Tensile Strength @ break | ASTM D 882 | kg/cm ² | MD | > 280 | | |
| | | | TD | > 250 | | |
| Elongation @ break | ASTM D 882 | % | MD | > 300 | | |
| | | | MD | > 300 | | |
| Coefficient of Friction | ASTM D 1894 | -- | Kinetic | 0.2 | 0.1 | 0.3 |
| Dart Impact Strength (@ 0.66 Meter Height) | ASTM D 1709 | gf | | ≥ 400 | | |
| Seal Strength (125°C, 1.8 second dwell time) | ASTM F 88 | kgf/15mm | | ≥ 7.5 | | |
| W.V.T.R (38°C 90%RH) | ASTM F 1249 | g/m ² /24 hrs | | < 2.5 | | |
| O.T.R. (23°C, 0% RH) | ASTM D 3985 | cm ³ /m ² /24 hrs | | < 0.7 | | |

* MD = Machine Direction, * TD = Transverse Direction

Storage & Handling: Needs to be stocked in a closed warehouse & should not be exposed to direct sun light or light sources. Avoid extreme of humidity and heat. It is recommended to store below 40°C in dry places in original packing.

Food Contact: Complies with EC (EU 202/2014 & EU 10/2011) and FDA (21 CFR § 175.105 & 21 CFR § 175.300) regulations on packaging for direct contact with foodstuffs. Specific document and MSDS are available on request.

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