



High Barrier Easy Peel Thermoforming Film THF003

5 Mil

High Barrier Easy Peel 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 | | 5 | 4.75 | 5.25 |
| | | Micron | | 125 | 118,75 | 13,125 |
| Yield | ASTM D 4321 | m ² /kg | | 7.77 | 7.38 | 8.16 |
| | | in ² /lb | | 5,463 | 5,190 | 5,736 |
| Tensile Strength @ break | ASTM D 882 | N/mm ² | MD | > 24.52 | | |
| | | | TD | > 22.56 | | |
| 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 (@ 1.52 Meter Height) | ASTM D 1709 | gf | | ≥ 250 | | |
| Seal Strength (125°C, 1.8 second dwell time) | ASTM F 88 | N/inch | | ≥ 7.85 | | |
| W.V.T.R (38°C 90%RH) | ASTM F 1249 | gm/100in ² /24hrs | | < 0.35 | | |
| O.T.R. (23°C, 0% RH) | ASTM D 3985 | cc/100in ² /24hrs | | < 0.11 | | |

* 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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