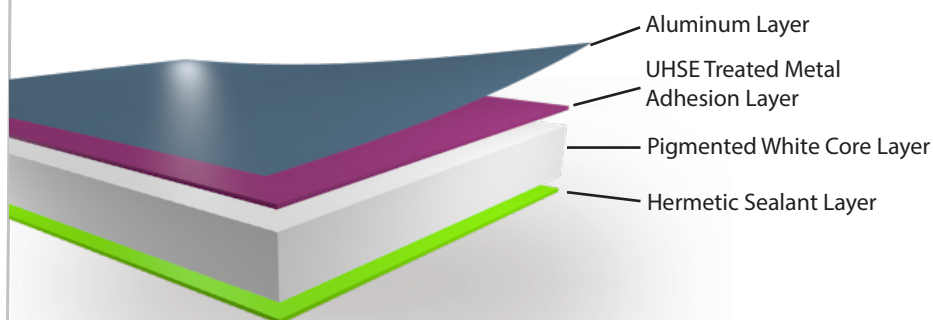


TORAYFAN[®] MPOTM

Applications

- Confections
- Snacks
- Bakery
- Pet food
- Ag/Chem



Torayfan MPOTM

ONE SIDE HEAT SEALABLE,
ONE SIDE METALLIZED
WHITE BOPP FILM

Summary

One side vacuum deposited Aluminum on Toray's Ultra High Surface Energy (UHSE), one side heat sealable with high seal strength and improved hermetic sealant properties. Designed as a very good barrier, pigmented white metallized BOPP film for high seal strength and enhanced hermeticity.

Technical Data *

| PROPERTIES | | METHOD | UNITS | TYPICAL VALUES | |
|--|----|------------|---------------------------|----------------|---------|
| Thickness | | - | 0.00001" | 70 | 90 |
| Nominal Yield | | - | in ² /lb | 42,500 | 33,000 |
| Tensile Strength at Break | MD | ASTM D882 | lb/in ² | 16,000 | 16,000 |
| | TD | | | 33,000 | 33,000 |
| Young's Modulus | MD | ASTM D882 | lb/in ² | 200,000 | 200,000 |
| | TD | | | 350,000 | 350,000 |
| Elongation at Break | MD | ASTM D882 | % | 250 | 250 |
| | TD | | | 50 | 50 |
| Heat Shrinkage (284°F for 15 minutes) | MD | ASTM D1204 | % | 8 | 8 |
| | TD | | | 5 | 5 |
| Coefficient of Friction (Sealant Side) | | ASTM D1894 | μ_s | 0.78 | 0.78 |
| | | | μ_d | 0.68 | 0.68 |
| Heat Seal Strength @ 250°F | | 1 | g/in | 1,100 | 1,400 |
| Seal Initiation Temp (>200g/in) | | 1 | °F | 190 | 190 |
| MVTR - 100°F, 90% RH | | ASTM F1249 | g/100in ² /day | 0.015 | 0.015 |

1 Sentinel Sealer model 12 ASL, 0.5 sec, 20 psi. UPPER: flat, Teflon™ coated. LOWER: rubber with glass cloth, unheated

**The product described is covered by one or more of the following patents or patents pending:
US 6916526, US 9120294, and EP 2195161**

Key Features

- Improved sealant design for optimal hermetic sealing
- Superior seal strength
- Very good moisture barrier
- Non craze metal surface
- Excellent hot tack and wide heat seal range

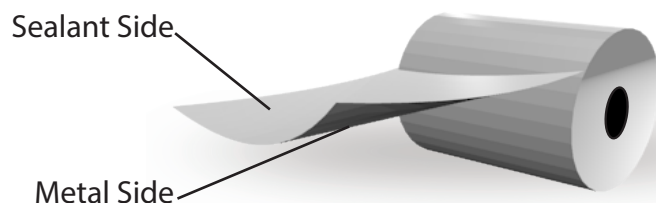
Similar Products

- MP5H
- MPHX5

Typical Structures

- F62W/ink/PE or ADH/MPOTM
- PA10/Ink/PE or ADH/MPOTM
- O.L./ink/Paper/PE or ADH/MPOTM

Winding Direction



* These values do not constitute specific binding specifications

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