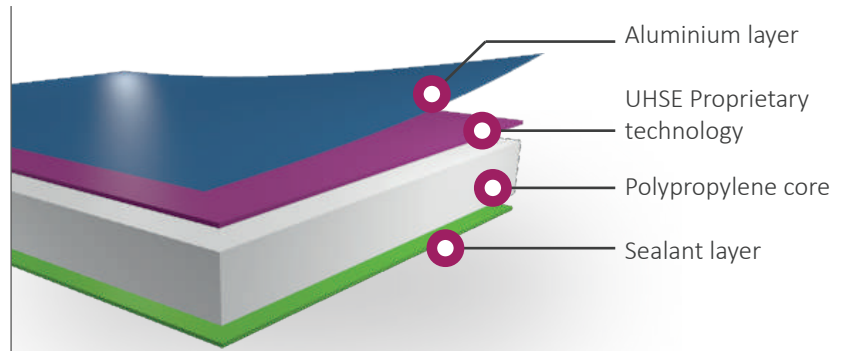


TORAYFAN[®] PAX TORAYFAN[®] PAX-O

Application

- Confectionery
 - Food
 - Snacks
 - Bakery
- Industrial
- Cold seal



Torayfan[®] PAX

METALLISED AND HEAT SEALABLE BOPP FILM

Benefits

- Good moisture barrier
- Bright foil appearance
- Heat sealable

Typical Values *(These values do not constitute binding specifications)*

| Properties | Test Method | Unit | 8 µm | 10 µm | 12µm | 15 µm | 20 µm | 30 µm |
|---------------------------------|-----------------|------------------------|------|-------|------|-------|-------|-------|
| Nominal Yield | | m ² /kg | 138 | 109.9 | 92.1 | 73 | 55.2 | 36.5 |
| Tensile Strength @ Break MD | ASTM D 882 | daN/mm ² | 15 | 15 | 15 | 15 | 15 | 15 |
| Tensile Strength @ Break TD | | | 30 | 30 | 30 | 30 | 30 | 30 |
| Young's Modulus MD | ASTM D 882 | daN/mm ² | 250 | 200 | 220 | 220 | 220 | 230 |
| Young's Modulus TD | | | 470 | 400 | 400 | 400 | 400 | 450 |
| Elongation @ Break MD | ASTM D 882 | % | 140 | 200 | 150 | 160 | 170 | 190 |
| Elongation @ Break TD | | | 50 | 50 | 60 | 50 | 54 | 50 |
| Heat Shrinkage 140°C – 15min MD | Internal Method | % | 4 | 8 | 6.4 | 6.9 | 6.3 | 6.6 |
| Heat Shrinkage 140°C – 15min TD | | | 0.8 | 4 | 3.7 | 4.7 | 3.5 | 4 |
| COF (sealant to sealant) Kd | ASTM D1894 | | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| Heat-seal Strength @121°C | Internal Method | N/25mm | 3 | 3 | 3 | 3 | 4.2 | 4.6 |
| SIT (>2N/25mm) | Internal Method | °C | 105 | 105 | 105 | 105 | 105 | 105 |
| OTR, 0% HR, 23°C | ASTM F1927 | cc/m ² /day | 50 | 50 | 50 | 50 | 50 | 50 |
| MVTR, 90% HR, 38°C | ASTM F1249 | g/m ² /day | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |

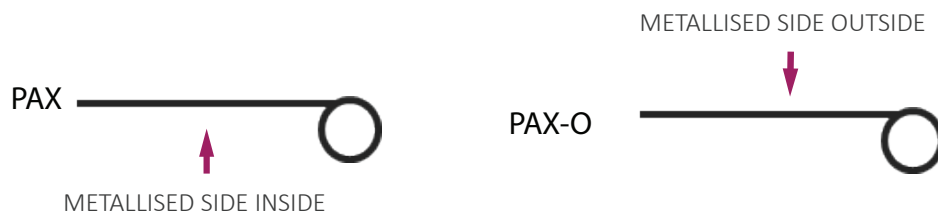
Regulation

Torayfan® PAX and PAX-O comply with European applicable requirements for food contact applications. For Toray's certification concerning specific applications with each product, please refer to the 'Declaration of Compliance'.

Presentation of the rolls

Roll packaging: The rolls are suspended on standard paper core with internal diameter of 152.8mm
For all presentation, minimum roll width = 340mm and maximum roll width = 2 450mm

| Thickness (µm) | Length (m) | OD (mm) |
|----------------|------------|---------|
| 8 | 55.000 | 800 |
| 10 | 44.000 | 800 |
| 12 | 35.000 | 800 |
| 15 | 30.000 | 800 |
| 20 | 22.000 | 800 |
| 30 | 15.000 | 450 |



Please contact us for...

- Any other presentation (width, length, core)
- Process for returnable packaging
- Storage & handling conditions
- Any other information about typical values, measuring conditions, tolerances, deliveries...

Torayfan® is a registered trademark of Toray Films Europe SAS- TFE November 2020

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