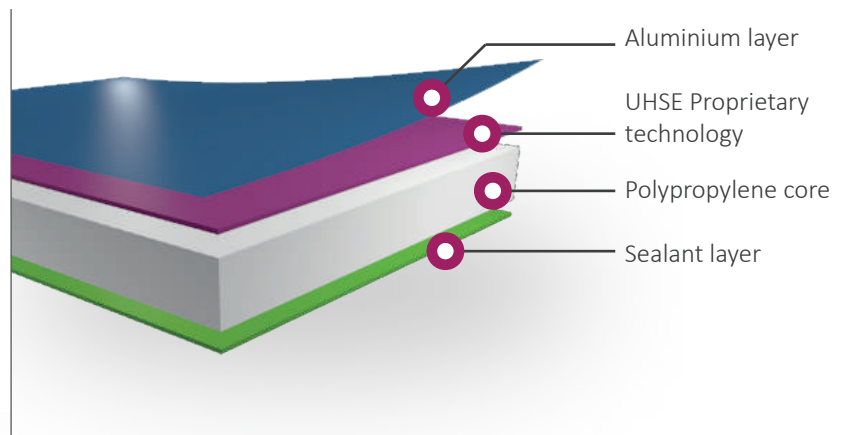


# TORAYFAN® PHX3

## Application

- Confectionery
- Snacks
- Suitable for adhesive lamination



HIGH BARRIER METALLISED BOPP FILM  
LOW SIT ENHANCED SEAL STRENGTH

## Benefits

- Good moisture barrier
- Excellent hot tack and very wide heat seal range
- Bright foil appearance

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

Properties	Test Method	Unit	15 µm	17.5 µm	20 µm
Nominal Yield		m <sup>2</sup> /kg	73.3	62.6	54.8
Tensile Strength @ Break MD	ASTM D 882	daN/mm <sup>2</sup>	15	15	15
Tensile Strength @ Break TD			30	30	30
Young's Modulus MD	ASTM D 882	daN/mm <sup>2</sup>	220	220	220
Young's Modulus TD			400	400	400
Elongation @ Break MD	ASTM D 882	%	200	200	200
Elongation @ Break TD			50	50	50
Heat Shrinkage MD	Internal Method	%	8	8	8
Heat Shrinkage TD			4	4	4
COF (sealant to sealant)	ASTM D1894		0.6	0.35	0.4
Heat-seal Strength @121°C	Internal Method	N/25mm	3.5	4.2	3
SIT (>2N/25mm)	Internal Method	°C	85	85	85
OTR, 0% HR, 23°C,	ASTM D3985	cc/m <sup>2</sup> /day	15	15	15
MVTR, 90% HR, 38°C	ASTM F1249	g/m <sup>2</sup> /day	0.15	0.15	0.15

## Regulation

Torayfan® PHX3 complies 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'. Torayfan® PHX3 is phtalate free.

## 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 = 2450mm.

**Returnable packaging:** Wooden flanges, plastic flanges and pallets are returnable. The metallised side is identified on the labels.



Metallised side inside

## 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...

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