

บริษัท นารายณ์ แพคเกจจิ้ง (ไทยแลนด์) จำกัด
NARAI PACKAGING (THAILAND) LIMITED

Product Data Sheet

Product Description	High Barrier Film
Structure	Co-ex LLDPE/PE/LLDPE
SKU #	FL005 and FU005
Application	Laminating and sealant layer
Printing Color	N/A
Thickness	40 μm $\pm$ 10%
Width	880 mm (+0 to +5mm)
Length	TBD

Mechanical Properties		unit	Test Method	Specification
Width		mm	NHTL Method	880 (+5mm)
Length		m	NHTL Method	TBD
Thickness		μm	ASTM 2251	100 $\pm$ 10%
Tensile strength	MD	Mpa	ASTM D882	>30
	TD			>24
Elongation	MD	%	ASTM D882	>500
	TD			>640
COF (Dynamic)	Outside (Non Treat)	—	ASTM D1894-6	0.09
	Inside (Treat)			0.08
Corona Treatment		Dyne	Corona Pen	38
Haze		%	ASTM D-1003	N/A
Sealing Strength @ 120 °C		N/15mm	ASTM F 88	>11.5

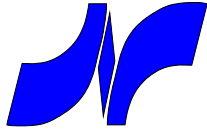
Food Contact

The film is made from virgin grade materials that comply to regulations as published by FDA
21CFR 177.1520 (PE)

Storage Condition

Storage under dry, clean and protected from direct sun light.

This information has been carefully compiled from the experiences obtained in field conditions and laboratory testing. Nonetheless, the product's performances and it's suitability can vary depending on the applications' conditions. The users shall make their own determination that the product are applicable to their intended applications.



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PRODUCTS COMPARISON: ULTRAFLAT SEALANT FILM VS STANDARD SEALANT FILM

Product Description	Sealant Films
Structure	Co-ex LLDPE/ LLDPE// LLDPE/
SKU #	FL005 – standard sealant film, 40 µm FU005 – Ultraflat sealant film 40 µm
Application	Laminating and sealant layer
Printing Color	N/A
Thickness	40 µm ± 10%
Width	880 mm (+0 to +5mm)
Length	4000 m

Mechanical Properties		unit	Test Method	FL-005	FU-005
Width		mm	NHTL Method	885	882
Thickness		µm	ASTM 2251	41.09	42.45
Stand. Deviation of Thickness		µm	NHTL Method	1.08	0.88
Stand. Deviation of Thickness		%	NHTL Method	2.58	2.06
Tensile Strength	MD	kgf/cm ²	ASTM D882	31	30
	TD			33	33
Elongation	MD	%	ASTM D882	530	520
	TD			720	690
COF (Dynamic)	No Treat	–	ASTM D1894-06	0.25	0.26
	Treat	–		0.42	0.42
Corona Treatment		Dyne	Corona Pen	38	38
Sealing Strength @ 120 °C		N/15mm	ASTM F 88	15.22	13.28

THICKNESS PROFILE OF THE FILMS

