

TECHNICAL

TEMPORARY DATA SHEET

Foopak PE Board is poly-coated folding box paperboard that is made from the PEFC and SFI certified wood sources, PFAS-free, comply to serve direct contact/primary food packaging applications which provides extra protection for the food, combines with the capabilities to be stored in both fridge and frozen condition.



BASEPAPER PRODUCT SPECIFICATION

GRAMMAGE T 410 om-02		THICKNESS ISO 534:1988 (E)		STIFFNESS 15° T 556 om-05			
(g/m ²)	(24" x 36" 500)lb	(µm)	(pt)	CD (mNm)		MD (mNm)	
				Min	Target	Min	Target
210 ± 4%	129 ± 4%	305 ± 4%	12.0 ± 4%	3.3	3.9	6.6	7.8
230 ± 4%	141 ± 4%	350 ± 4%	13.8 ± 4%	4.6	5.4	9.6	11.3
245 ± 4%	151 ± 4%	380 ± 4%	14.9 ± 4%	6.2	7.3	11.8	13.9
260 ± 4%	160 ± 4%	410 ± 4%	16.1 ± 4%	7.0	8.3	13.9	16.4
280 ± 4%	172 ± 4%	450 ± 4%	17.7 ± 4%	8.8	10.3	17.4	20.5
305 ± 4%	187 ± 4%	500 ± 4%	19.7 ± 4%	11.1	13.1	21.8	25.7
*) 330 ± 4%	203 ± 4%	550 ± 4%	21.7 ± 4%	13.3	15.6	26.2	30.8
*) 360 ± 4%	221 ± 4%	600 ± 4%	23.6 ± 4%	17.0	20.0	30.5	35.9

*) Available Upon Request MOQ fulfillment

BASEPAPER PROPERTY	UNIT	METHOD	SIDE	VALUES
Moisture Content	%	T 412 om-02		6.0 ± 1.0
*) Brightness (D65/10°)	%	ISO 2470-2:2008	TOP	91.0 ± 1.0
Internal Bond Strength	J/m ²	T 569 pm-00		Min 120
Water Absorption COBB (180sec)	g/m ²	T 441 om-04		Max 70
Surface Tension	Dyne/cm	ASTM D2578-09	TOP PE SIDE	Min 38

*) Reference parameter

Testing is done when production finished at room condition, Temp (°C) : 23 ± 1 and RH (%) : 50 ± 2

LDPE POLY CONFIGURATIONS

GSM, g/m ²	±2	15	18	20	22	24
THICKNESS, µm	Min	12	15	18	20	22

- Available in both [QL] single-sided and [QZ] double-sided poly configuration, in choice of gloss or matte finish.
- Surface treatment is normally applied for improvement printability, customer may make special request for no treatment.
- PE coated weight and thickness is to be added in base paper to get final,
example : QL-248 gsm (0/230/18G) -> Basis Weight : 230 + 18 = 248 gr/m²
Thickness : 350 + 15 = 365 µm

APPLICATION USES

- Designed for Meat, Seafood, Take Away Box, Tray, Snack Box.

OTHER FEATURE

- PE extrusion board, for gravy food and resist outside contamination.

Note :

- For first time customer/new application, please conduct plant trial first before commercial order.

- Strongly recommend to seek further technical advice and support from glue and ink vendors in terms of the board's adhesives compatibility and the board's printability/printing method respectively.

RECOMMENDED PRINTING METHODS

- Offset

Note :

Recommend to apply the air ventilation in the packaging drawing design to ensure that the hot temperature can escape to the outer side of the packaging, as well as micro perforation in the inner flaps to provide better sealing.



Rev.0
Issue Date : October 31, 2024
All parameters measured to 95% confidence interval

Specification for reference only for update and further information please visit us at :
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