

foopakTM

Safer. Better.

foopak



Product Catalog

WE ARE IN TOUCH DIRECTLY TO YOUR FOOD,
WITH VARIOUS FOODS PACKAGING TYPE.

foopak

About APP

APP serves as the holding company for multiple Indonesian pulp and paper manufacturing as well as forestry entities, catering to the increasing global need for high-quality tissue, packaging, and paper. Our products reach over 150 countries spanning six continents. APP Group serves as group name of pulp, paper and forestry entities under APP and its affiliates including the pulp and paper and forestry operation in China.



- Delivering quality products to meet the growing global demand for **paper, packaging and tissue**. APP products are marketed in more than 150 countries across six continents.

- Dedicated to **sustainability and ethical practices**, we prioritize the well-being of our employees, society, and environment.
- **Harnessing technological advancements and fostering innovation**, collaborating closely with communities.
- **Recognized business and operational standards** throughout our production and supply chain.

- We subscribe to the **Environmental, Social, and Governance (ESG) principles** and our **Sustainability Roadmap Vision 2030** guides us in fulfilling our commitment to protect forests, support communities, conserve biodiversity and work towards achieving carbon neutrality across our operations.

Continuous innovations, contributing to the circular economy



APP aims to produce innovative products with competitive environmental footprints that contribute to the circular economy, while also serving the purpose for our customers.

At APP, we understand that our products provide the opportunity to support our customers in achieving their sustainability goals and play a role in the global circular economy.

Our commitment to sustainability includes ensuring our fiber supply is 100% sourced from sustainably managed plantations.

On top of that, we apply innovative design and ensure high manufacturing efficiency in our mills to preserve the environment for our future generations.

Continuous product innovations, beyond paper

It is our goal to bring sustainable products to market, creating a better today for a sustainable future on product innovations through our customer insights and technology.

Using only responsibly sourced fiber, we aim to utilize increasing amounts of renewable energy and to minimize energy, water and waste intensities.

We also aim to increase the range of products where we can demonstrate low environmental footprint and offer alternatives to plastic based products.

Our Sustainability Roadmap Vision for 2030

Sustainability Roadmap Vision (SRV) 2030



Sustainability Roadmap Vision (2030) signifies our dedication to produce responsible and sustainable pulp and paper while harmonizing with people and the environment.

Forests Conservation Policy



Responsible forest management has received a positive response from various institutions, appreciating APP's endeavours in implementing the Forest Conservation Policy (FCP) that manages forests sustainably and upholding no-deforestation. Responsible and sustainable forest management is beneficial for both the environment and APP's business.

Sourced from Sustainable Managed Forests



Sustainably managed forests can produce a continuous supply ensure a stable supply of raw materials for pulp and paper production. We strive to create sustainable products by implementing efficient and environmentally friendly operational processes.

Why is foopak better?

Eco-Friendly



Earth sustainability is our priority. In designing Foopak products, we always consider environmental aspects. This makes our products more environmentally friendly, especially when compared to plastic and polystyrene food packaging. Foopak is made from non-recycled natural fiber, does not contain harmful compounds, does not contain bacteria and is environmentally friendly because it is biodegradable and compostable.

One of the largest paper producers in the world



Foopak is one of APP's brands that focuses on producing the best and safest quality paper packaging. Our experience and commitment have proven to be able to encourage the production of packaging products that are oriented towards consumer safety and comfort. Therefore, we are able to provide the best quality assurance, from product quality to distribution and customer service.

Proven and trusted



We are proud to be part of the success of our customers and work with them in distributing food products to consumers. Foopak products have also obtained various certifications from national and international institutions in terms of process, safety, and quality (Halal, FDA, ISEGA, ISO, PEFC, SVLK).

Having products for various food packaging applications



Whether it's food or beverage, hot or cold, dry or oily, with or without plastic coating, Foopak provides food packaging solutions that suit your needs. Our eco-friendly packaging products are also certified, easily recycled, and can be compostable at home and industrial facility.

Sinarماس Group's extensive distribution network



With a wide service coverage supported by the Sinarماس Group, APP currently has manufacturing spread throughout the archipelago. Our distribution network has also reached 65 countries on 6 continents. This advantage enables us to continue to expand and serve our consumers very well.

We are committed to providing the best service for consumers



High-quality products and excellent service are very important to our business. Therefore, we are always challenged to meet the highest quality standards with the best possible service for our customers.



Foopak Bio Natura is eco-friendly direct-contact food and beverage packaging paperboard that is using special technology developed to replace the plastic lining used in food service packaging. Foopak Bio Natura is the right solutions to serve wide ranges of the F&B business.

Foopak Bio Natura uses only PEFC and SFI certified wood sources, plastic-free compliance (certified by Flustix), OBA-free, recyclable, compostable for both home and industrial schemes, PFAS-free, high-temperature resistance, and strong edge wick. Giving the product superior function over standard PE coated cupstocks.



SOLUTION FOR ECO-FRIENDLY

DIRECT-CONTACT FOOD AND BEVERAGE PACKAGING



Product Features:

- PEFC & SFI certified
- Safe for food & beverage direct contact and FDA & Europe Union certified
- Eco-friendly
- Compostable (EN 13432)
- Recyclable and Repulpable without additional process (EN 13430 and ZSVR Germany from Institute Cyclos-HTP)
- Heat seal capability with permanent bonding thus the presence of adhesive is not required anymore
- High-temperature migration conformity according to BfR XXXVI, EU No. 1935/2004, EU No. 10/2011, EN 1186-13:2002
- Strong edge wicking resistance
- Microwaveable & ovenable compliance

End Application:

Hot cup, Cold cup, Food container, Rice bowl, Noodle cup, Soup cup, Food bucket, Snack cup, Lunch box & Horticultural pot, Salad bowl, Utensil, Disposable sponge cake mold

Printing Method:

UV Offset & UV Flexo cured by the UV curing such as Cathode Halide Lamp, UV LED, and UV EB

**recommended to seek further technical advice and support from the ink vendors in terms of quality compliance between printing inks, printing methods, and its paper-board*

Temperature Range:

Minus 25°C up to 220°C, 1 hour Oven

TECHNICAL

DATA SHEET



BT

Foopak Bio Natura (BT) two side coating is an eco-friendly paperboard for food and beverage packaging, replacing plastic linings. It's PEFC and SFI certified, plastic-free (Flustix certified), OBAfree, recyclable, compostable, PFAS-free, with high-temperature resistance and strong edge wick, offering superior function compared to standard PE coated cupstocks.



PRODUCT SPECIFICATION

GRAMMAGE T 410 om-02		THICKNESS ISO 534:1988 (E)		STIFFNESS 15° T 556 om-05			
(g/m²)	(24" x 36" 500)lb	(µm)	(pt)	CD (mNm)		MD (mNm)	
				Min	Target	Min	Target
*) 195 ± 4%	120 ± 4%	260 ± 4%	10.2 ± 4%	1.0	1.1	4.2	4.7
215 ± 4%	132 ± 4%	290 ± 4%	11.4 ± 4%	1.8	2.0	5.9	6.6
235 ± 4%	144 ± 4%	320 ± 4%	12.6 ± 4%	2.6	2.9	7.3	8.1
255 ± 4%	157 ± 4%	345 ± 4%	13.6 ± 4%	3.4	3.8	8.4	9.6
*) 265 ± 4%	163 ± 4%	350 ± 4%	13.8 ± 4%	3.6	4.0	9.3	9.8
285 ± 4%	175 ± 4%	385 ± 4%	15.2 ± 4%	4.6	5.1	10.9	12.1
305 ± 4%	187 ± 4%	410 ± 4%	16.4 ± 4%	6.1	6.8	13.6	15.1
325 ± 4%	200 ± 4%	440 ± 4%	17.3 ± 4%	7.0	7.8	16.6	18.4
*) 345 ± 4%	212 ± 4%	465 ± 4%	18.3 ± 4%	8.6	9.5	21.3	23.7
*) 355 ± 4%	218 ± 4%	480 ± 4%	18.9 ± 4%	9.4	10.4	24.5	27.2

*) Available upon request and MOQ fulfillment

PROPERTY	UNIT	METHOD	SIDE	VALUES
Brightness, (D65/10°)	%	ISO 2470-2:2008 (E)	TOP	Min 77.0
Edge Wick	kg/m²	Internal Mill	Lactic Acid 1%, 1 Hours	Max 1.6
Edge Wick	mm	Internal Mill	Hot water 95°C, 10 Minutes	Max 5
Odour		Internal Mill		Max 200
Dirt Spot	m²	T 537 om-02	Spot size, mm² 0.1-0.3	Max 60
			Spot size, mm² 0.3-1.5	Max 10
			Spot size, mm² >1.5	Max 0

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

APPLICATION USES

- Hot Cup, Food Container, Rice Bowl, Soup Cup, Food Bucket, Snack Cup, Lunch Box & Horticultural Pot, Salad Bowl, Utensil

RECOMMENDED PRINTING METHODS

- Flexographic
- Offset

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



Rev.00
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All Parameters measured to 95% confidence interval



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TECHNICAL

DATA SHEET



BG

Foopak Bio Natura (BG) two side asymmetric coating is an ecofriendly paperboard for food and beverage packaging, replacing plastic linings. It's PEFC and SFI certified, plastic-free (Flustix certified), OBA-free, recyclable, compostable, PFAS-free, with high-temperature resistance and strong edge wick, offering superior function compared to standard PE coated cupstocks.



PRODUCT SPECIFICATION

GRAMMAGE T 410 om-02		THICKNESS ISO 534:1988 (E)		STIFFNESS 15° T 556 om-05			
(g/m²)	(24" x 36" 500)lb	(µm)	(pt)	CD (mNm)		MD (mNm)	
				Min	Target	Min	Target
*) 185 ± 4%	114 ± 4%	250 ± 4%	9.8 ± 4%	1.0	1.1	4.2	4.7
205 ± 4%	126 ± 4%	280 ± 4%	11.0 ± 4%	1.8	2.0	5.9	6.6
225 ± 4%	138 ± 4%	310 ± 4%	12.2 ± 4%	2.6	2.9	7.3	8.1
245 ± 4%	151 ± 4%	335 ± 4%	13.2 ± 4%	3.4	3.8	8.4	9.6
*) 255 ± 4%	157 ± 4%	340 ± 4%	13.4 ± 4%	3.6	4.0	9.3	9.8
275 ± 4%	169 ± 4%	375 ± 4%	14.6 ± 4%	4.6	5.1	10.9	12.1
295 ± 4%	181 ± 4%	400 ± 4%	15.7 ± 4%	6.1	6.8	13.6	15.1
315 ± 4%	194 ± 4%	430 ± 4%	16.9 ± 4%	7.0	7.8	16.6	18.4
*) 335 ± 4%	206 ± 4%	455 ± 4%	17.9 ± 4%	8.6	9.5	21.3	23.7
*) 345 ± 4%	212 ± 4%	470 ± 4%	18.5 ± 4%	9.4	10.4	24.5	27.2

*) Available upon request and MOQ fulfillment

PROPERTY	UNIT	METHOD	SIDE	VALUES
Brightness, (D65/10°)	%	ISO 2470-2:2008 (E)	TOP	Min 77.0
Edge Wick	kg/m²	Internal Mill	Lactic Acid 1%, 1 Hours	Max 1.6
Edge Wick	mm	Internal Mill	Hot water 95°C, 10 Minutes	Max 5
Odour		Internal Mill		Max 200
Dirt Spot	m²	T 537 om-02	Spot size, mm² 0.1-0.3	Max 60
			Spot size, mm² 0.3-1.5	Max 10
			Spot size, mm² >1.5	Max 0

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

APPLICATION USES

- Hot Cup, Food Container, Rice Bowl, Soup Cup, Food Bucket, Snack Cup, Lunch Box & Horticultural Pot, Salad Bowl, Utensil

RECOMMENDED PRINTING METHODS

- Flexographic
- Offset

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



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TECHNICAL

DATA SHEET



BO

Foopak Bio Natura (BO) one side coating is an eco-friendly paperboard for food and beverage packaging, replacing plastic linings. It's PEFC and SFI certified, plastic-free (Flustix certified), OBAfree, recyclable, compostable, PFAS-free, with high-temperature resistance and strong edge wick, offering superior function compared to standard PE coated cupstocks.



PRODUCT SPECIFICATION

GRAMMAGE T 410 om-02		THICKNESS ISO 534:1988 (E)		STIFFNESS 15° T 556 om-05			
(g/m²)	(24" x 36" 500)lb	(µm)	(pt)	CD (mNm)		MD (mNm)	
				Min	Target	Min	Target
*) 180 ± 4%	111 ± 4%	245 ± 4%	9.6 ± 4%	1.0	1.1	4.2	4.7
200 ± 4%	123 ± 4%	275 ± 4%	10.8 ± 4%	1.8	2.0	5.9	6.6
220 ± 4%	135 ± 4%	305 ± 4%	12.0 ± 4%	2.6	2.9	7.3	8.1
240 ± 4%	147 ± 4%	330 ± 4%	13.0 ± 4%	3.4	3.8	8.4	9.6
*) 250 ± 4%	154 ± 4%	335 ± 4%	13.2 ± 4%	3.6	4.0	9.3	9.8
270 ± 4%	166 ± 4%	370 ± 4%	14.6 ± 4%	4.6	5.1	10.9	12.1
290 ± 4%	178 ± 4%	395 ± 4%	15.6 ± 4%	6.1	6.8	13.6	15.1
310 ± 4%	190 ± 4%	425 ± 4%	16.7 ± 4%	7.0	7.8	16.6	18.4
*) 330 ± 4%	203 ± 4%	455 ± 4%	17.9 ± 4%	8.6	9.5	21.3	23.7
*) 340 ± 4%	209 ± 4%	465 ± 4%	18.3 ± 4%	9.4	10.4	24.5	27.2

*) Available upon request and MOQ fulfillment

PROPERTY	UNIT	METHOD	SIDE	VALUES
Brightness, (D65/10°)	%	ISO 2470-2:2008 (E)	TOP	Min 77.0
Edge Wick	kg/m²	Internal Mill	Lactic Acid 1%, 1 Hours	Max 1.6
Edge Wick	mm	Internal Mill	Hot water 95°C, 10 Minutes	Max 5
Odour		Internal Mill		Max 200
Dirt Spot	m²	T 537 om-02	Spot size, mm² 0.1-0.3	Max 60
			Spot size, mm² 0.3-1.5	Max 10
			Spot size, mm² >1.5	Max 0

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

APPLICATION USES

- Hot Cup, Food Container, Rice Bowl, Soup Cup, Food Bucket, Snack Cup, Lunch Box & Horticultural Pot, Salad Bowl, Utensil

RECOMMENDED PRINTING METHODS

- Flexographic
- Offset

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



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All Parameters measured to 95% confidence interval



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Foopak Bio Container is eco-friendly folding box paperboard with direct contact food packaging capability that is developed to serve the trays, takeaway food boxes and sandwich packaging without any plastic lining on its surface. Foopak Bio Container produced using FEFC and SFI certified wood sources and designed to meets the food safety conformity according to the US FDA & EU, PFAS-free and recyclable.



SOLUTION OF THE ECO-FRIENDLY

TAKEAWAY BOX



Product Features:

- Good MVTR performance to provide better freshness of the packaged food.
- Without any conventional plastic lining
- Heat seal capability
- High bulk, yield advantage
- High-temperature compliance (terms & conditions applied)
- Food safety compliance according to the EU and US FDA
- PFAS-free compliance
- Recyclability conformity according to requirements and assessment catalogue of the institute cyclos-HTP, DIN EN 13430 and ZSVR, issued by The Institute Cyclos – HTP Germany

End Application:

Lunchbox, Tray, Food box, Sandwich box, Chocolate box, Take away container

Printing Method:

Offset Litho, Letterpress

Service Temperature Range:

5°C Up to 175°C, 30 Minutes Microwave

TECHNICAL

DATA SHEET



BA

Foopak Bio Container (BA) Foopak Bio Container is eco-friendly folding box paperboard with direct contact food packaging capability that is developed to serve the trays, takeaway food boxes and sandwich packaging without any plastic lining on its surface. Foopak Bio Container is produced using PEFC and SFI certified wood sources and designed to meet the food safety conformity according to the US FDA as well as EU, PFAS-free and recyclability.



PRODUCT SPECIFICATION

GRAMMAGE T 410 om-02		THICKNESS ISO 534:1988 (E)		STIFFNESS 15° T 556 om-05	
(g/m²)	(24" x 36" 500)lb	(µm)	(pt)	CD (mNm)	MD (mNm)
220 ± 5%	135 ± 5%	315 ± 4%	12.4 ± 4%	3.9	7.8
240 ± 5%	147 ± 5%	360 ± 4%	14.2 ± 4%	5.4	11.3
255 ± 5%	157 ± 5%	390 ± 4%	15.3 ± 4%	7.3	13.9
270 ± 5%	166 ± 5%	420 ± 4%	16.5 ± 4%	8.3	16.4
290 ± 5%	178 ± 5%	460 ± 4%	18.1 ± 4%	10.3	20.5
315 ± 5%	194 ± 5%	510 ± 4%	20.1 ± 4%	13.1	25.7
*) 340 ± 5%	209 ± 5%	560 ± 4%	22.0 ± 4%	15.6	30.8
370 ± 5%	227 ± 5%	610 ± 4%	24.0 ± 4%	20.0	35.9

*) Available upon request and MOQ fulfillment

Tolerance for stiffness 15%

PROPERTY	UNIT	METHOD	SIDE	VALUES
Moisture Content	%	T412 om-02		6.0 ± 1.0
Roughness	µm	T555 om-04	TOP	Max 1.80
Brightness (D65/10°)	%	ISO 2470-2:2008	TOP	90.0 ± 1.0
Gloss 75°	%	T 480 om-05	TOP	5.0±5.0
Internal Bond Strength	J/m²	T 569 pm-00		Min 120
MVTR (gsm/day)	g/m²	T 448 pm-04		Max 150
Water Absorption COBB (60sec)	g/m²	T 441 pm-04	TOP	35-55
Water Absorption COBB (180sec)	g/m²	T 441 pm-04	TOP	Max 70
			BACK	Max 150

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

Storage condition Temp (°C) : 23 ± 1 and RH (%) : 50 ± 2, the level may go down due to external conditions which is out of control.

*) Heat sealing top & back condition approx. 230°C, 3 bar pressure, 1 sec.

*) Using reference TAPPI T 537 for counting dirt count in paper and paperboard

APPLICATION USES

- Cake box, Tart box, Chocolate Packaging, Pharmaceutical, Confectionery, Base paper

RECOMMENDED PRINTING METHODS

- Offset

OTHER METHODS

- BfR XXXVI compliance
- Very good dimension stability

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



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natura
cup

foopak

Foopak Natura Cup is poly coated paperboard that is made from the virgin fibres taken from the PEFC certified and SFI wood sources, with natural shade, OBA-free, PFAS-free, strong wicking resistance and good barrier performance, as well as uniform rim formation and superior printability, with hygienic manufacturing standards for food and beverage applications, for hot, cold and deep-frozen. This product is designed to prevent any liquid seepage on the cutting side.



OFFERS STRONG WICKING RESISTANCE

AND GOOD BARRIER PERFORMANCE



Product Features:

- PEFC and SFI certified
- Strong edge wicking resistance
- Good barrier performance
- Excellent uniform rim formation

End Application:

PE 1/S and 2/S for Hot, Cold and Frozen food application, Bucket, Tray, Noodle Cup, Bowl, Container

Printing Method:

Offset, Flexo

Temperature Range:

Minus 40°C up to 100°C, 1 Minute Microwave

TECHNICAL

DATA SHEET



Foopak Natura Cup (BS, BZ) is poly coated paperboard that is made from the virgin fibers taken from the PEFC certified and SFI wood sources, with natural shade, OBA-free, PFAS-free, strong wicking resistance, and good barrier performance, as well as uniform rim formation and superior printability, with hygienic manufacturing standards for food and beverage applications, for hot, cold and deep-frozen. This product is designed to prevent any liquid seepage on the cutting side.



PRODUCT SPECIFICATION

GRAMMAGE		THICKNESS		STIFFNESS 15°			
T 410 om-02		ISO 534:1988 (E)		T 556 om-05			
(g/m ²)	(24" x 36" 500)lb	(µm)	(pt)	CD (mNm)		MD (mNm)	
				Min	Target	Min	Target
*) 170 ± 4%	104 ± 4%	235 ± 4%	9.3 ± 4%	1.0	1.1	4.2	4.7
190 ± 4%	117 ± 4%	265 ± 4%	10.4 ± 4%	1.8	2.0	5.9	6.6
210 ± 4%	129 ± 4%	295 ± 4%	11.6 ± 4%	2.6	2.9	7.3	8.1
230 ± 4%	141 ± 4%	320 ± 4%	12.6 ± 4%	3.4	3.8	8.4	9.6
*) 240 ± 4%	147 ± 4%	325 ± 4%	12.8 ± 4%	3.6	4.0	9.3	9.8
260 ± 4%	160 ± 4%	360 ± 4%	14.2 ± 4%	4.6	5.1	10.9	12.1
280 ± 4%	172 ± 4%	385 ± 4%	15.2 ± 4%	6.1	6.8	13.6	15.1
300 ± 4%	184 ± 4%	415 ± 4%	16.3 ± 4%	7.0	7.8	16.6	19.5
*) 320 ± 4%	197 ± 4%	440 ± 4%	17.3 ± 4%	8.6	9.5	21.3	23.7
*) 330 ± 4%	208 ± 4%	455 ± 4%	17.9 ± 4%	9.4	10.4	24.5	27.2

*) Available upon request and MOQ fulfillment

PROPERTY	UNIT	METHOD	SIDE	VALUES
Moisture Content	%	T 412 om-02		7.5 ± 1.0
Brightness, (D65/10°)	%	ISO 2470-2:2008 (E)	TOP	Min 80.5
Edge Wick	kg/m ²	Internal Mill	Lactic Acid 1%, 1 Hours	Max 1.60
Surface Tension	Dyne/cm	ASTM D2578-09	PE Side	Min 38
Dirt Spot	m ²	T 537 om-02	Spot size, mm ² 0.1-0.3	Max 40
			Spot size, mm ² 0.3-1.5	Max 10
			Spot size, mm ² >1.5	Max 0

*) 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 [BS] single-sided and [BZ] 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 : BS-348 gsm (0/330/18G) -> Basis Weight : 330 + 18 = 348 gr/m²
Thickness : 455 + 15 = 470 µm

APPLICATION USES

- Hot Cups, Cold Cups, Rice Bowl, Soup Bowl, Noodle Bowl, Take Away Boxes, Ice Cream Cup

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

- Flexographic
- Offset



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natura
gloss

foopak

Foopak Natura Gloss is poly-coated paperboard with natural shade that is made from the PEFC and SFI certified wood sources, PFAS-free, comply to serve for food and beverage applications, safe for both hot and cold applications. Foopak Natura Gloss offers strong wicking resistance and good barrier performance and provide excellent printing quality with rich of vivid colors due to the presence of pigment coating on the top side/printed side.



COMPLY TO SERVE FOR FOOD AND BEVERAGE APPLICATIONS.

SAFE FOR BOTH HOT
AND COLD APPLICATIONS.



Product Features:

- PEFC and SFI certified
- Strong edge wicking resistance
- Good barrier performance
- Excellent uniform rim formation

End Application:

High printing result cup, Ice cream, Soup, Bowl

Printing Method:

Offset, Flexo

Temperature Range:

Minus 18°C up to 100°C, 1 Minute Microwave

TECHNICAL

DATA SHEET



Foopak Natura Gloss (PS, PZ) is poly-coated paperboard with natural shade that is made from the PEFC and SFI certified wood sources, PFAS-free, comply to serve for food and beverage applications, safe for both hot and cold applications. Foopak Natura Gloss offers strong wicking resistance and good barrier performance and provides excellent printing quality with rich of vivid colors due to the presence of pigment coating on the top side/printed side.



PRODUCT SPECIFICATION

GRAMMAGE T 410 om-02		THICKNESS ISO 534:1988 (E)		STIFFNESS 15° T 556 om-05			
(g/m²)	(24" x 36" 500)lb	(µm)	(pt)	CD (mNm)		MD (mNm)	
				Min	Target	Min	Target
190 ± 4%	117 ± 4%	247 ± 4%	9.7 ± 4%	1.9	2.1	5.0	5.6
210 ± 4%	129 ± 4%	275 ± 4%	10.8 ± 4%	2.1	2.4	6.0	6.7
230 ± 4%	141 ± 4%	300 ± 4%	11.8 ± 4%	3.1	3.5	7.5	8.4
260 ± 4%	160 ± 4%	345 ± 4%	13.6 ± 4%	4.9	5.5	10.5	11.7
270 ± 4%	166 ± 4%	355 ± 4%	14.0 ± 4%	5.1	5.7	11.8	13.1
300 ± 4%	184 ± 4%	395 ± 4%	15.6 ± 4%	6.2	6.9	12.3	13.7
*)320 ± 4%	197 ± 4%	430 ± 4%	16.9 ± 4%	8.1	9.0	19.7	21.9

*) Available upon request and MOQ fulfillment

PROPERTY	UNIT	METHOD	SIDE	VALUES
Moisture Content	%	T 412 om-02		7.5 ± 1.0
*) Brightness, (D65/10°)	%	ISO 2470-2:2008 (E)	TOP	Min 81.0
Internal Bond Strength	J/m²	T 569 pm-00		Min 150
Water Absorption COBB (180s)	g/m²	T 441 om-04		Max 70
Edge Wick	kg/m²	Internal Mill	Lactic Acid 1%, 1 Hours	Max 1.60
Surface Tension	Dyne/cm	ASTM D2578-09	TOP PE SIDE	Min 38
Dirt Spot	m²	T 537 om-02	Spot size, mm² 0.1-0.3	Max 60
			Spot size, mm² 0.3-1.5	Max 10
			Spot size, mm² >1.5	Max 0

*) Brightness for trial reference.

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

LDPE POLY CONFIGURATIONS

GSM, g/m²	±2	15	18	20	22	24
THICKNESS, µm	Min	12	15	18	20	22

• Available in both [PS] single-sided and [PZ] 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 : PS-248 gsm (0/230/18G) -> Basis Weight : 230 + 18 = 248 gr/m²
Thickness : 350 + 15 = 315 µm

APPLICATION USES

- High printing result cup, Ice cream, soup, noodle

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



OTHER FEATURE

- Good printability, Strong edge wicking resistance

RECOMMENDED PRINTING METHODS

- Flexo
- Offset



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All Parameters measured to 95% confidence interval

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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.



DESIGNED FOR EXTRA PROTECTION

COMBINES WITH THE
CAPABILITIES TO BE
STORED IN BOTH FRIDGE
AND FROZEN CONDITION



Product Features:

- PEFC and SFI certified
- Superior poly bonding strength
- Excellent sealing performance
- Good printability with corona system applied
- Excellent stiffness in low temperature and frozen condition
- High bulk, yield advantage

End Application:

Meat tray, Seafood, Take away box, Snack box

Printing Method:

Offset

Temperature Range:

5°C up to 100°C, 1 Minute Microwave

TECHNICAL

DATA SHEET



Foopak PE Board (QL, QZ) 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.



PRODUCT SPECIFICATION

GRAMMAGE T 410 om-02		THICKNESS ISO 534:1988 (E)		STIFFNESS 15° T 556 om-05			
(g/m²)	(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

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/m²	T 569 pm-00		Min 120
Water Absorption COBB (180s)	g/m²	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/m²	±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.

APPLICATION USES

- 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.



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hard
size
board

foopak

Foopak Hardsize is high bulk folding box board that is made from virgin fibres and certified PEFC woods and designed with the hard size capability thus perform well in terms of its strength properties in chilled condition.

Foopak Hardsize is complies to serve the direct contact food packaging that demanding to be kept in the chilled condition due to the requirement of its food such as cakes boxes. The pigment coating applied on the top side/printed side thus provide excellent printing quality with rich of vivid colors.



DESIGNED FOR FRIDGE APPLICATIONS

FOR ANY TYPES OF
FOOD OR NON-FOOD
PACKAGING



Product Features:

- PEFC and SFI certified
- Certified for direct contact with food
- Clay coated on the top side for good printability
- Excellent stiffness in low temperature and frozen condition
- High bulk, yield advantage
- Good dimensional stability
- Microwaveable

End Application:

Cake box, Tart box, Chocolate packaging, Pharmaceutical, Confectionery, Base paper

Printing Method:

Offset

Service Temperature Range:

5°C up to 175°C, 2 Minutes Microwave

TECHNICAL

DATA SHEET



Foopak Hardsize (GQ) Foopak Hardsize is a high bulk folding box board that is made from virgin fibers and certified PEFC wood and designed with the hard size capability thus performs well in terms of its strength properties in chilled condition. The Foopak Hardsize complies to serve the direct contact food packaging that demanding to be kept in the chilled condition due to the requirement of its food such as cakes boxes. The pigment coating applied on the top side/printed side thus provide excellent printing quality with rich of vivid colors.



PRODUCT SPECIFICATION

GRAMMAGE T 410 om-02		THICKNESS ISO 534:1988 (E)		STIFFNESS 15° T 556 om-05			
(g/m²)	(24" x 36" 500)lb	(µm)	(pt)	CD (mNm)		CD (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	14.8	16.4
280 ± 4%	172 ± 4%	450 ± 4%	17.7 ± 4%	8.7	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 requested

PROPERTY	UNIT	METHOD	SIDE	VALUES
*) Moisture Content	%	T 412 om-02		6.0 ± 1.0
Roughness	µm	T 555 om-04	TOP	Max 1.80
*) Brightness, (D65/10°)	%	ISO 2470-2:2008 (E)	TOP	91.0 ± 1.0
*) Gloss 75°	%	T 480 pm-05	TOP	50.0 ± 5.0
Internal Bond Strength	J/m²	T 569 pm-00		Min 120
Water Absorption COBB (60s)	g/m²	T 441 om-04	TOP	Max 55
Water Absorption COBB (180s)	g/m²	T 441 om-04	TOP	Max 70
			BACK	Max 70

*) Reference parameter

Testing is done when production finished at room condition, Temp (°C) : 23 ± 1 and RH (%) : 50 ± 2
Using reference TAPPI T 537 for counting dirt count in paper and paperboard

APPLICATION USES

- Cake box, Tart box, Chocolate Packaging, Pharmaceutical, Confectionery, Base paper.

RECOMMENDED PRINTING METHODS

- Offset

OTHER FEATURE

- BfR XXXVI compliance
- Suitable for microwave (Temp until 175° C, 2 minutes)

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



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Foopak Greaseproof Board is a special grade of folding box paperboard with oil/grease resistance capability that is designed to serve direct contact food packaging segment, particularly the oily/greasy food. Since the beginning, Foopak Greaseproof Board is designed to meets PFAS-free and complies with the food safety aspects referring to the US and EU. Currently, the Foopak Greaseproof Board is available with various kit levels.



RESIST OIL PENETRATION

FROM LOW TO HIGH
GREASY LEVEL



Product Features:

- PEFC and SFI certified
- Grease coated on the back side
- Clay coated on the top side for good printability
- High bulk
- Yield advantage
- Certified for direct contact with food
- Good dimensional stability
- Excellent stiffness in low temperature and frozen condition

End Application:

Kit 6, 8: Chocolate, Cake, Bread, Take-away box
Kit 10: Fried chicken, French fries

Printing Method:

Offset

Temperature Range:

5°C up to 175°C, 1 Minute Microwave

TECHNICAL

DATA SHEET

Foopak Greaseproof (Q3,Q4) Foopak Greaseproof is using certified wood sources, with white shade and barrier coated board designed for food packaging with capabilities to resist oil penetration on direct contact with greasy food, from low to high greasy level. Performing with hard-sized board, this board prevents moisture penetration and is able to be stored in chiller and heated in the microwave.

grease
proof
board™
foopak

Q3, Q4



PRODUCT SPECIFICATION

GRAMMAGE T 410 om-02		THICKNESS ISO 534:1988 (E)		STIFFNESS 15° T 556 om-05			
(g/m²)	(24" x 36" 500)lb	(µm)	(pt)	CD (mNm)		MD (mNm)	
				Min	Target	Min	Target
215 ± 4%	132 ± 4%	305 ± 4%	12.0 ± 4%	3.5	3.9	7.0	7.8
235 ± 4%	144 ± 4%	350 ± 4%	13.8 ± 4%	4.9	5.4	10.2	11.3
250 ± 4%	154 ± 4%	380 ± 4%	15.0 ± 4%	6.6	7.3	12.5	13.9
265 ± 4%	163 ± 4%	410 ± 4%	16.1 ± 4%	7.5	8.3	14.8	16.4
285 ± 4%	175 ± 4%	450 ± 4%	17.7 ± 4%	9.3	10.3	18.5	20.5
310 ± 4%	190 ± 4%	500 ± 4%	19.7 ± 4%	11.8	13.1	23.1	25.7
*) 335 ± 4%	206 ± 4%	550 ± 4%	21.7 ± 4%	14.0	15.6	27.7	30.8
*) 365 ± 4%	224 ± 4%	600 ± 4%	23.6 ± 4%	18.0	20.0	32.3	35.9

*) Available upon requested

PROPERTY	UNIT	METHOD	SIDE	VALUES
**) Brightness, (D65/10°)	%	ISO 2470-2:2008 (E)	TOP	91.0 ± 1.0

**) Reference parameter

Testing is done when production finished at room condition, Temp (°C) : 23 ± 1 and RH (%) : 50 ± 2
Using reference TAPPI T 537 for counting dirt count in paper and paperboard

APPLICATION USES

- Kit 6, 8 : Chocolate, Cake, Bread, Take-Away Box

OTHER FEATURES

- Environment Friendly, BfR XXXVI compliance.
- Minimum Moisture Evaporation,

RECOMMENDED PRINTING METHODS

- Offset

Note:

- Guideline die cut (groove width, spherical knife)
- 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



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TECHNICAL

DATA SHEET



Q9

Fopak Greaseproof (Q9) Fopak Greaseproof is using certified wood sources, with white shade and barrier coated board designed for food packaging with capabilities to resist oil penetration on direct contact with greasy food, from low to high greasy level. Performing with hard-sized board, this board prevents moisture penetration and is able to be stored in chiller and heated in the microwave.



PRODUCT SPECIFICATION

GRAMMAGE T 410 om-02		THICKNESS ISO 534:1988 (E)		STIFFNESS 15° T 556 om-05			
(g/m²)	(24" x 36" 500)lb	(µm)	(pt)	Min	CD (mNm) Target	Min	MD (mNm) Target
225 ± 4%	138 ± 4%	315 ± 4%	12.4 ± 4%	3.5	3.9	7.0	7.8
245 ± 4%	150 ± 4%	360 ± 4%	14.2 ± 4%	4.9	5.4	10.2	11.3
260 ± 4%	160 ± 4%	390 ± 4%	15.0 ± 4%	6.6	7.3	12.5	13.9
275 ± 4%	169 ± 4%	420 ± 4%	16.4 ± 4%	7.5	8.3	14.8	16.4
295 ± 4%	181 ± 4%	460 ± 4%	18.1 ± 4%	9.3	10.3	18.5	20.5
320 ± 4%	197 ± 4%	510 ± 4%	20.1 ± 4%	11.8	13.1	23.1	25.7
*) 345 ± 4%	212 ± 4%	560 ± 4%	22.1 ± 4%	14.0	15.6	27.7	30.8
*) 375 ± 4%	230 ± 4%	610 ± 4%	24.0 ± 4%	18.0	20.0	32.3	35.9

*) Available upon requested

PROPERTY	UNIT	METHOD	SIDE	VALUES
Brightness, (D65/10°)	%	ISO 2470-2:2008 (E)	TOP	91.0 ± 1.0

*) Reference parameter

Testing is done when production finished at room condition, Temp (°C) : 23 ± 1 and RH (%) : 50 ± 2
Using reference TAPPI T 537 for counting dirt count in paper and paperboard

APPLICATION USES

- Frozen cake, frozen bread, Food Tray & Takeaway box at room temperature

OTHER FEATURES

- Environment Friendly, BfR XXXVI compliance
- Minimum Moisture Evaporation
- Grease resistant to kit-10

RECOMMENDED PRINTING METHODS

- Offset

Note:

- Guideline die cut (groove width, spherical knife)
- 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



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Foopak Anchor Plus is a premium quality poly-coated paperboard that is especially designed for extreme cold condition that combines the presence of salt, splash of water and ice to the packaged food and ideal to serve industrial seafood packaging application.

Foopak Anchor Plus offers excellent barrier performance as well as strong wicking resistance to prevent any liquid seepage on the cutting side, providing reliable protection for your product.

The top side/printed side of the paperboard is designed to provide better printing quality as compared with the other paperboard thus generates vibrant printing quality. Foopak Anchor Plus meets with food safety aspect according to the US FDA and PFAS-free compliance.



MOISTURE RESISTANCE

AND EXCELLENT BARRIER PERFORMANCE



Product Features:

- Food safety compliance according to US FDA
- PFAS-free compliance
- PEFC and SFI certified
- Strong edge wicking resistance
- Excellent barrier performance
- Excellent uniform rim formation
- Good MVTR performance to provide better freshness

End Application:

Shrimp/Raw seafood packaging, and Deep fridge application/Cold storage,
Paper tray

**GSM below 230 compatible for Hot cup*

Printing Method:

Offset, Flexo

Temperature Range:

Minus 25°C up to 100°C, 1 Hour* Oven/Microwave

TECHNICAL

DATA SHEET



Foopak Anchor Plus (AS,AZ) Foopak Anchor Plus is a premium quality paperboard solution specially designed for shrimp packaging. Foopak Anchor Plus offers excellent barrier performance and strong wicking resistance to prevent any liquid seepage on the cutting side, providing reliable protection for your product. Foopak Anchor Plus has good printability, also rigorously tested and comply with the US FDA regulations in terms of food grade use.



PRODUCT SPECIFICATION

GRAMMAGE		THICKNESS		STIFFNESS 15°			
T 410 om-02		ISO 534:1988 (E)		T 556 om-05			
(g/m²)	(24" x 36" 500)lb	(µm)	(pt)	CD (mNm)		MD (mNm)	
				Min	Target	Min	Target
*) 190 ± 4%	117 ± 4%	305 ± 4%	12.0 ± 4%	2.9	3.3	7.4	8.2
*) 210 ± 4%	129 ± 4%	340 ± 4%	13.4 ± 4%	3.8	4.2	9.4	10.4
*) 230 ± 4%	141 ± 4%	370 ± 4%	14.6 ± 4%	4.5	5.0	11.4	12.8
*) 260 ± 4%	160 ± 4%	420 ± 4%	16.5 ± 4%	7.2	8.0	15.3	17.0
*) 280 ± 4%	172 ± 4%	450 ± 4%	17.7 ± 4%	9.2	10.2	18.6	20.7
*) 300 ± 4%	184 ± 4%	485 ± 4%	19.1 ± 4%	11.2	12.4	22.0	24.5

*) Available upon requested

PROPERTY	UNIT	METHOD	SIDE	VALUES
Moisture Content	%	T 412 om-02		7.5 ± 1.0
Brightness, (D65/10°)	%	ISO 2470-2:2008 (E)	TOP	Min 78.0
Internal Bond Strength	J/m²	T 569 pm-00		Min 150
Water Absorption COBB (180s)	g/m²	T 441 om-04		Max 70
Edge Wick	kg/m²	Internal Mill	Lactic Acid 1%, 1 Hours	Max 1.60
Surface Tension	Dyne/cm	ASTM D2578-09	TOP PE SIDE	Min 38
Dirt Spot	m²	T 537 om-02	Spot Size, mm², 0.1-0.3	Max 60
			Spot Size, mm², 0.3-1.5	Max 10
			Spot Size, mm² > 1.5	Max 0

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

LDPE POLY CONFIGURATIONS

GSM, g/m²	±2	15	18	20	22	24
THICKNESS, µm	Min	12	15	18	20	22

- Available in both [AS] single-sided and [AZ] 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: AS-248 gsm (0/230/18G) -> Basis Weight : 230 + 18 = 248 gr/m²
Thickness : 370 + 15 = 385 µm

APPLICATION USES

- Shrimp/Raw Seafood Packaging, and Deep Fridge, Application/Cold Storage, Paper tray
- Substances 190, 210, 230 gsm compatible for hop cups

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

OTHER FEATURE

- High bulky, Good printability, Strong edge wicking resistance

RECOMMENDED PRINTING METHODS

- Flexo
- Offset



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All Parameters measured to 95% confidence interval



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foopak

Foopak Anchor Bio is a premium quality paperboard with special technology to replace plastic lining thus towards environmentally friendly packaging paperboard.

Foopak Anchor Bio offers excellent barrier performance as well as strong wicking resistance to prevent any liquid seepage on the cutting side, providing reliable protection for your product. The top side/printed side of the paperboard is designed to provide better printing quality as compared with the other paperboard thus generates vibrant printing quality.

Foopak Anchor Bio can be used to serve the F&B segment such as food trays, takeaway food boxes, salad tray, etc. Foopak Anchor Bio meets with food safety aspect according to the US FDA and PFAS-free compliance.



ENVIRONMENTALLY FRIENDLY PACKAGING PAPERBOARD

**WITH STRONG WICKING
RESISTANCE**



Product Features:

- Recyclable
- Strong edge wicking resistance
- High bulk
- Excellent barrier performance
- Performs well in printing and converting processes

End Application:

Paper tray, Food box, Paper plate, Cake box

Printing Method:

Offset

Temperature Range:

Minus 18°C up to 100°C, 1 Hour * Microwave

TECHNICAL

DATA SHEET



AG

Foopak Anchor Bio (AG) one side coating is a premium quality paperboard with special technology to replace plastic lining thus towards environmentally friendly packaging paperboard. Foopak Anchor Board offers excellent barrier performance as well as strong wicking resistance to prevent any liquid seepage on the cutting side, providing reliable protection for your product. The top side/printed side of the paperboard is designed to provide better printing quality as compared with the other paperboard thus generates vibrant printing quality. Foopak Anchor Board meets with food safety aspects according to the US FDA and PFAS-free compliance.



PRODUCT SPECIFICATION

GRAMMAGE T 410 om-02		THICKNESS ISO 534:1988 (E)		STIFFNESS 15° T 556 om-05			
(g/m²)	(24" x 36" 500)lb	(µm)	(pt)	CD (mNm)		MD (mNm)	
				Min	Target	Min	Target
*) 205 ± 4%	126 ± 4%	320 ± 4%	12.6 ± 4%	2.9	3.3	7.4	8.2
*) 225 ± 4%	138 ± 4%	335 ± 4%	14.0 ± 4%	3.8	4.2	9.4	10.4
*) 245 ± 4%	150 ± 4%	385 ± 4%	15.2 ± 4%	4.5	5.0	11.5	12.8
*) 275 ± 4%	169 ± 4%	435 ± 4%	17.1 ± 4%	7.2	8.0	15.3	17.0
*) 295 ± 4%	181 ± 4%	465 ± 4%	18.3 ± 4%	9.2	10.2	18.6	20.7
*) 315 ± 4%	193 ± 4%	500 ± 4%	19.7 ± 4%	11.2	12.4	22.0	24.5
*) 375 ± 4%	230 ± 4%	595 ± 4%	23.4 ± 4%	14.7	16.2	30.0	33.0

*) Available upon request and MOQ fulfillment

PROPERTY	UNIT	METHOD	SIDE	VALUES
Brightness, (D65/10°)	%	ISO 2470-2:2008 (E)	TOP	Min 77.0
Edge Wick	mm	Internal Mill	Hot water 95°C, 10 minutes	Max 5
Edge Wick	kg/m²	Internal Mill	Lactic Acid 1%, 1 Hours	Max 1.6
Dirt Spot	m²	T 537 om-02	Spot size, mm² 0.1-0.3	Max 60
			Spot size, mm² 0.3-1.5	Max 10
			Spot size, mm² >1.5	Max 0

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

APPLICATION USES

- Paper Trays, Paper Plates, Food Boxes, Cake Box

RECOMMENDED PRINTING METHODS

- Offset

OTHER FEATURE

- Microwave Compliance, (Temp -18 until 175 °C, 2 minutes)

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



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DATA SHEET

Foopak Anchor Bio (AT) two side coating is an eco-friendly paperboard specially designed for direct food contact applications. It utilizes proprietary aqueous dispersion coating technology to replace the plastic lining commonly used in the foodservice industry and is produced without optical brightening agents (OBA). Foopak Anchor Bio features a strong edge wick, high bulk, offers excellent barrier performance, and performs well in printing and converting processes. Foopak Anchor Bio is an environmentally friendly solution for sustainable choices.



PRODUCT SPECIFICATION

GRAMMAGE T 410 om-02		THICKNESS ISO 534:1988 (E)		STIFFNESS 15° T 556 om-05			
(g/m²)	(24" x 36" 500)lb	(µm)	(pt)	CD (mNm)		MD (mNm)	
				Min	Target	Min	Target
*) 215 ± 4%	132 ± 4%	330 ± 4%	13.0 ± 4%	2.9	3.3	7.4	8.2
*) 235 ± 4%	144 ± 4%	365 ± 4%	14.4 ± 4%	3.8	4.2	9.4	10.4
*) 255 ± 4%	157 ± 4%	395 ± 4%	15.5 ± 4%	4.5	5.0	11.5	12.8
*) 285 ± 4%	175 ± 4%	445 ± 4%	17.5 ± 4%	7.2	8.0	15.3	17.0
*) 305 ± 4%	187 ± 4%	475 ± 4%	18.7 ± 4%	9.2	10.2	18.6	20.7
*) 325 ± 4%	200 ± 4%	510 ± 4%	20.1 ± 4%	11.2	12.4	22.0	24.5
*) 385 ± 4%	236 ± 4%	605 ± 4%	23.8 ± 4%	14.7	16.2	30.0	33.0

*) Available upon request and MOQ fulfillment

PROPERTY	UNIT	METHOD	SIDE	VALUES
Brightness, (D65/10°)	%	ISO 2470-2:2008 (E)	TOP	Min 77.0
Edge Wick	mm	Internal Mill	Hot water 95°C, 10 minutes	Max 5
Edge Wick	kg/m²	Internal Mill	Lactic Acid 1%, 1 Hours	Max 1.6
Dirt Spot	m²	T 537 om-02	Spot size, mm² 0.1-0.3	Max 60
			Spot size, mm² 0.3-1.5	Max 10
			Spot size, mm² >1.5	Max 0

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

APPLICATION USES

- Paper Trays, Paper Plates, Food Boxes, Cake Box

RECOMMENDED PRINTING METHODS

- Offset

OTHER FEATURE

- Microwave Compliance, (Temp -18 until 175 °C, 2 minutes)

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



Rev.02
Issue date : October 14, 2024
All Parameters measured to 95% confidence interval





Foopak Magna Board is a premium quality high bulkiness OBA-free paperboard base with the capabilities in terms of hard-size fibres and PFAS-free that is designed to meet the F & B segment such as paper plates, trays and takeaway boxes. Foopak Magna Board is in compliance with the US FDA and EU in terms of the food safety aspect.



HARD-SIZED AND HIGH-BULK FEATURE

MAKING IT IDEAL FOR DISPOSABLE FOOD PACKAGING



Product Features:

- Food safety compliance according to US FDA
- PFAS-free compliance
- PEFC certified
- Excellent stiffness
- Excellent uniform rim formation
- High-bulk, yield advantage

End Application:

Paper tray, Food box, Paper plate, Cake box

Printing Method:

Offset

Service Temperature Range:

5°C up to 175°C, 2 Minutes Microwave

TECHNICAL

DATA SHEET

Foopak Magnaboard (GG) is a premium quality high bulkiness OBA-free paperboard base with the capabilities in terms of hard-size fibers and PFAS-free that is designed to meets the F & B segment such as paper plate, tray, and takeaway box. Foopak Magna Board as compliance with the US FDA and EU in terms of the food safety aspect.



PRODUCT SPECIFICATION

GRAMMAGE		THICKNESS		STIFFNESS 15°			
T 410 om-02		ISO 534:1988 (E)		T 556 om-05			
(g/m²)	(24" x 36" 500)lb	(µm)	(pt)	CD (mNm)		MD (mNm)	
				Min	Target	Min	Target
(*) 195 ± 4%	119 ± 4%	280 ± 3%	11.0 ± 3%	2.5	2.8	5.2	5.8
(*) 210 ± 4%	129 ± 4%	305 ± 3%	12.0 ± 3%	3.5	3.9	7.3	8.1
(*) 220 ± 4%	135 ± 4%	330 ± 3%	13.0 ± 3%	4.0	4.4	8.3	9.2
(*) 230 ± 4%	141 ± 4%	350 ± 3%	13.8 ± 3%	5.4	6.0	10.7	11.9
(*) 235 ± 4%	144 ± 4%	365 ± 3%	14.4 ± 3%	5.7	6.3	11.2	12.5
(*) 245 ± 4%	151 ± 4%	380 ± 3%	15.0 ± 3%	6.2	6.9	12.0	13.3

*) Available upon requested and MOQ fulfillment

PROPERTY	UNIT	METHOD	SIDE	VALUES
Moisture Content	%	T 412 om-02		6.0 ± 1.0
Roughness	µm	T 555 om-04	TOP	Max 1.80
Brightness, (D65/10°)	%	ISO 2470-2:2008 (E)	TOP	Min 80
Gloss 75°	%	T 480 pm-05	TOP	50.0 ± 5.0
Internal Bond Strength	J/m²	T 569 pm-00		Min 130
Water Absorption COBB (60s)	g/m²	T 441 om-04	TOP	35-55 ⁽ⁱ⁾
Water Absorption COBB (180s)	g/m²	T 441 om-04	TOP	Max 70
			BACK	Max 70

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

⁽ⁱ⁾ For customers that require SNI certification, the board product will be modified to have Cobb Size (60s) maximum standard as 50 g/m²

APPLICATION USES

- Paper Tray, Paper Plates, Food Boxes, Cake Box

OTHER FEATURE

- Microwave Compliance, (Temp -18 until 175 °C, 2 minutes)

RECOMMENDED PRINTING METHODS

- Offset

Note:

- Temporary specification, this meant that the data presented in this specification is not fixed yet and will possibly be subjected to change in the future
- 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



Rev.01
Issue date : July 30, 2024

All Parameters measured to 95% confidence interval



foopak



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