

ADAM-GTB_500_PE | PRODUCT SPECIFICATION



Product Code	205B312/XXXX
Product Trade Name	1/2 lt GT Carton DUO
Origin	Greece

Document No.	OD 03.1 – 1(70)
Version	1.1
Date	01/01/2024

ADAM-GTB_500_PE | PRODUCT INFORMATION

Product Description

The Gable top carton is a multilayer paper package for liquid products

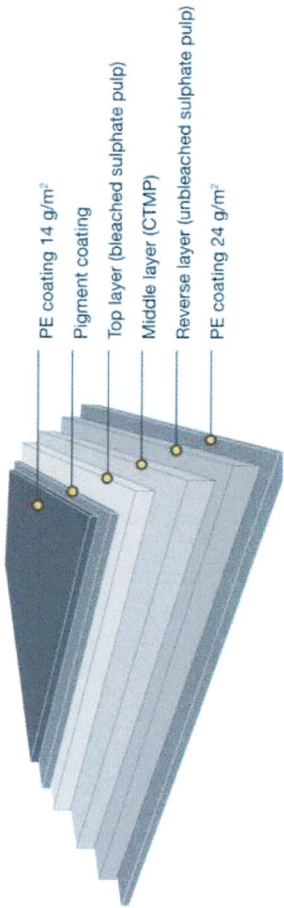
Use

ADAM-GTB_500_PE is used for packaging liquid fresh food products, mainly for Dairy and Juice Industry.
Not suitable for long life, hot-fill and/or aseptic applications.

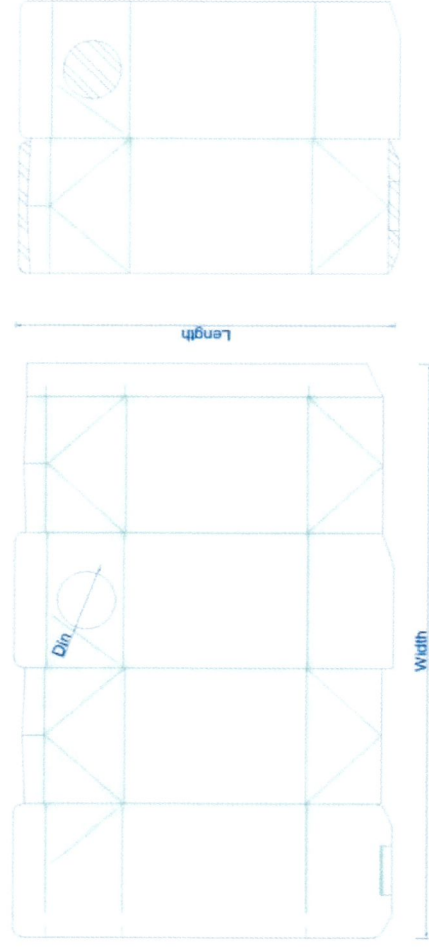
MATERIALS DETAILS

Paperboard	Bleached Sulphate Pulp
PE	LDPE
Inks	UV inks free from mineral oils and heavy metals (cadmium, hexavalent chromium, lead, mercury) suitable for multilayer paper packaging for foodstuffs. Inks are applied externally.
FSC	Optional
PEFC	This specification concerns PEFC paper

PROPERTIES & DIMENSIONS		CD	MD
Bending Force (GM) (mN)	360	216	600



ADAM-GTB_500_PE | TECHNICAL DRAWINGS



Unprinted
side

Outline

Scorelines

DRAWING IS INDICATIVE – OPTIONS BELOW	
Easy open	Varnish
Spout hole	(without easy opening)
Top	Single pointed or Double pointed
Bottom	Standard Rex J Bottom V Bottom

ADAM-GTB_500_PE | TECHNICAL DATA

BLANKS DIMENSIONS	
Configuration	B Style 1/2LT Gable Top PE
Length (mm)	196,60
Width (mm)	295,91
5 th panel width (mm)	16,91
Spout hole	29,9
Cross section	70,00
Varnish	NO
Treatment	Corona

STRUCTURE	Nominal value (g/m ²)	Tolerance (%)
Printing Inks		
Outside PE Coating	14	
Paperboard	270	±7%
Inside PE Coating	24	
Total thickness (µm)	495	±7%

SEALED CARTON DIMENSIONS		Tolerance (%)
Flame-sealed carton with skiving		
Total width(mm)	140,00	±0,5%
Width of 5 th panel skived (mm)	11,0	±5%
Minimum fluff at filling operation (mm)	6	
Total weight (gr)	16,8	±7%

STANDARD OFFSET PRINTING 6 COLOURS					
					
CYAN	BLACK	MAGENTA	YELLOW	PANTONE 1	PANTONE 2

ADAM-GTB_500_PE | PACKAGING & PROCESS

PACKAGING INFORMATION	SKIVED
GT cartons per box	660
Carton board box dimension	618 X 384 X 151 mm
Carton board box gross weight	11,10 Kg
Layers per pallet	Custom
Boxes per layer	4
No. of boxes per pallet	Custom
GT cartons per pallet	Custom
Pallet – Over all height	Custom
Pallet – Gross weight (max)	Custom
Wooden pallet (PE foil stretched)	Custom

LABELING CARTON BOX
• Supplier's Name • Production Date & Time • Batch number & GT carton size • Quantity of cartons per box

PROCESSING INSTRUCTIONS

Blanks which have remained in high or low temperature environments before used in production or being fed to the filling machine they must be kept in ambient temperature of 21-27°C and humidity level of 30-40% for at least 24 hours.

LABELING PALLETS
• Production Date • Customer Name • Pallet No. • Batch Number • Quantity • One blank on each side (4pcs)

STORAGE CONDITIONS

GT cartons should be stored in clean and dry area indoors protected from sunlight at temperatures between 15-25°C and relative humidity between 30-70%. GT cartons must be used within 12 months from production date.