



## FEATURES

### High Performance Coated Duplex Board

Alpha Coated Board offers excellent stiffness, bulk and exceptional print quality.

### Exceptional Strength

ACB surpasses standard duplex board by significant margins in the key areas like superior strength which makes it suitable for machine filled cartons.

### Eco-Friendly Raw Material

Manufactured from high quality eco-friendly raw materials, supporting the environment sustainability and its conservation.

### Endorsed by Leading Brands

ACB is preferred by the leading food and FMCG brands for their packaging requirements.

### Moisture Resistance

Enhanced moisture resistant properties ensure durability and protection of packaged products, even in humid or damp conditions.

### Compatible for Food Grade Packaging

Tested and approved through sensory examination-odour and taste tests in accordance with the German Food, Articles of daily use and Feed Code (LFGB) sections 30 & 31, as amended on September 1, 2005.

### Tested and approved for FSC

Complies with FSC (Forest Stewardship Council) chain of custody certification (TAH-COC-009416).

## Certification



## Application

FMCG

Shoe Box Packaging

Hosiery Items

Matchbox

Corrugated  
Multi Ply Cartons

Danglers



## Product Specification

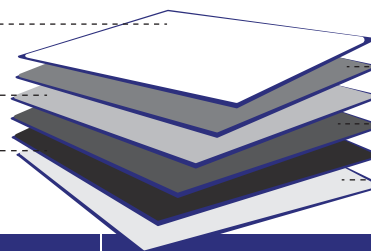
Parameter	Specification										Unit	Method	Tolerance	
<b>GSM</b>	230	250	280/285	296/300	320	350	380	400	420	450	g/m <sup>2</sup>	T410 om-98	±3%	
<b>Caliper</b>	271	295	338	358	384	420	464	488	521	558	micron	T411 om-97	±5%	
<b>Bulk</b>	1.18	1.18	1.20	1.20	1.20	1.20	1.22	1.22	1.24	1.24	cc/gm		±5%	
<b>Moisture</b>	6.5	6.5	6.5	7.0	7.0	7.0	7.0	7.5	7.5	8.0	%	T412 om-94	±1	
<b>Stiffness</b> (Taber)	<b>MD</b>	42	68	95	110	135	165	185	248	265	322	gm.cm		±15%
	<b>CD</b>	18	30	40	47	55	72	83	96	100	126	gm.cm	T489 om-99	±15%
	<b>GM</b>	27.5	45.1	61.6	71.9	86.2	109	128.9	154.3	162.8	201.4			±15%
<b>Roughness (PPS)</b>	2.3										microns	T 555 om-99	Max	
<b>Gloss at 75°</b>	35										%	T 480 om-99	±5	
<b>Internal Bond</b>	150										J/m <sup>2</sup>	T 569	Min	
<b>IGT Dry Pick</b>	1.0										m/sec	ISO 3782	Min	
<b>Cobb</b>	<b>TOP</b>	35										g/m <sup>2</sup>	T 441 om-98	±5
	<b>BOTTOM</b>	40												±10
<b>K&amp;N Test</b>	12										%		±3	

## Board Structure

**Top Double Coating-**  
20 ± 2GSM- Blade on Blade

**Under Layer-** Deinking Pulp

**Back Layer-** Recycled Fibre



**Top Layer-** Deinking Pulp

**Filler Layer-** Recycled Fibre

**Bottom Coating-**  
Starch Coat- 02 ±1 GSM

## Deckle

**Machine 1:-** Min. - 284 cm | Max. - 290 cm

**Machine 2:-** Min. - 204 cm | Max. - 212 cm

## Machine Suitability

Recommended for High-speed multicolour printing machines.

## Packaging Information

### PALLETS

Min. Height: 1100 mm  
Max. Height: 1300 mm

### SHEETS

Min. Size: 300 x 560 mm  
Max. Size: 1050 x 1650 mm

### REELS

Width: 400 - 2400 mm  
Core Inner Dia : 76 mm/3"  
& 150 mm/6"