

**Bannux 110B (B/O 16 oz)**

Dated: 10/25/07

**Description:**

VIZUON Bannux 110B is a 16-oz front-lit banner material with block out effect that is used for solvent inkjet printing and screen printing. A black film between the PVC surface layers deters light transmission, allowing sharper images. It also has great dimensional stability without additional frames or structures.

**Compatible Products**

- VIZUONCAL 4000 & 6000 (Opaque)
- VIZUONCAST cut vinyl (Opaque)

**Compatible Printers**

- Vutek
- Mutoh
- Arizona
- Mimaki JV Series.
- Other solvent inkjet printers.

**Characteristics:**

Characteristic		Description
Structure	Coating Type	PVC (Option: Anti-mildew, UV treated, Fire Resistance) Fabric: Polyester
	Fabric	Polyester
	Weight	16oz
Roll Size		24" ~ 74"(width) × 33 yds ~ 300 yds

**Physical Properties**

Properties	Test Method	Unit	ITEM	Test Method	Unit	ITEM
Base Fabric	DIN 60001		Polyester			Polyester
Yarn	DIN 60001	dtex	1100*1100		denier	1000*1000
Thread	DIN 53853	Fd/cm	3.5/3.5 Knit		Fd/inch	9/9, Knit
Thickness	DIN 53353	mm	0.45	FS 5401	mm	0.45
Total Weight	DIN 53352	gr/m <sup>2</sup>	543	FS 5400	oz/yd <sup>2</sup>	16
Fabric Weight	DIN 53352	gr/m <sup>2</sup>	87	FS 5400	oz/yd <sup>2</sup>	2.6
Coating Weight	DIN 53352	gr/m <sup>2</sup>	456	FS 5400	oz/yd <sup>2</sup>	13.5
Tensile Strength	DIN 53858	N/2.5cm	833/735	FS 5100	lbs/in.	187/165
Tear Strength	DIN 53356	N	295/245	FS 5134	lbs	66/55
Width	Max 79"					
Remark	Anti-Mildew, UV treated					

**Durability:**

Durability is based on field experience and exposure tests.

Outdoor durability is 1 year, when properly processed and applied (unprinted film vertical exposure).

LG Chem does not warrant banner materials for the following.

- Seamed in order to make a large banner
- Ripping, tearing, or damage due to the effects of the weather or the environment

**CAUTION:** The weathering resistance of film which is laminated to the top of BANNUX or ink for printing might contribute to the durability of end-products. Therefore, our warranty is just for undecorated BANNUX.

### Printing on materials

- LG Bannux is designed for screen printing digital printing with solvent ink jet inks.
- To get the best printing performance, use the best quality of inks that printer makers recommend.
- Always build enough time into your process to make sure adequate drying of the graphic.  
Poorly dried graphics can cause difficulty when rolling the graphic and stocking the material.
- The printer operator should work with the graphic designer or color conversion operator to prevent possible problem.
- Do not exceed total ink coverage of 250% for LG Banner materials.  
Too high a total physical in amount on banner results in media characteristic change, inadequate drying, and poor image performance.
- Printing process has to be done under room temperature.
- Too much tension and force can damage the material (under 7 kgf)

### Maintenance

Use a cleaner used for high quality printed surfaces.

1. The cleaner must be wet, non-abrasive, without strong solvents or alcohol.  
(Solvent and alcohol can damage banner materials and printed image.)
2. Neither strongly acidic nor alkaline (pH value 3.0~11.0).

### Shelf Life

Store LG banner material in a clean, dry area

Process the banner material within 1 year from factory shipment.

Storage condition: Free from excessive moisture, temperature, direct sunlight (20℃ x 50% R.H)

Keep away from chemicals such as oil and wax

### Warranty:

*The information provided on this sheet represents typical properties and does not constitute a specification. No liability will be accepted for errors and omissions and in no circumstances shall LG Chem. Ltd. be liable for any loss or injury arising directly or as a consequence of the publication of this data sheet .All LG Chem. vinyl sold are subject to our conditions of sale. LG chem. also retains the right to change sizes and specifications of products without prior notice.*