

## POLLYTEX POLIESTER FLAG FR B1

### GENERAL DESCRIPTION:

popular environmental-friendly premium knitted polyester fabric for flag,banner using

### FEATURES:

- 100% Polyester texturized Warp knit fabric, semi-matte.
- It makes an excellent double penetration effect after dye-sub printing
- Compatible with Dye-sub direct, Dye-sub transfer, Screen printing
- Excellent durability and tear strength

### APPLICATIONS:

- Flag and Banner

### MATERIAL DETAILS:

PROPERTIES	TEST STANDARD	METRIC
Material	DIN 60001	100 PCT POLYESTER
Finished Material Weight	110G/sq.m (+/-5g)	108G/sq.m
Width	ASTM D751-2006	Up to 320cm (+/-1cm)
Breaking strength	ISO 13934.1-2013	Length: 442 N Width:559N
Elongation at break	ISO 13934.1-2013	Length:59% Width:76%
Tearing strength	ISO 13937.2-2000	Length: 21N Width:21N
Bursting Strength	ASTM D3787-2007(2011)	1092 N
Thickness	ASTM D-1777	0.30mm (+/-0,05mm)
Shrinkage	30x30cm sample 190°C. 60s	Length ≤ 1,3% Width ≤ 1,0%
Flame retardance	Germany DIN 4102 - B1 /U.S.A NFPA-701	N/A
Elastic	ASTM D 2594 (2,27kgf/511bf)	Length: 0,8% Width:0,8%
Transfer temperature	190 °C - 205 °C, 1- 2 min	

### INK SUPPORT:

Dye Direct	Dye Transfer	Silk-Screen	Latex	UV
✓	✓	✓	☒	☒

## PRODUCTION DETAILS:

<b>PACKAGE:</b>	1. 3"plastic bags, individual packing with woven bags 2. 3"plastic bags, individual packing, hard tubes with nail/ screw
<b>WIDTH:</b>	Standard Width: 160cm/250cm/310cm Others: 100cm-320cm, customized width.
<b>LENGTH:</b>	Standard Length: 100m Others: each roll will has one tolerance length difference $\pm 10\%$

NOTE: All mentioned data above are average of test result and should not be used for the purpose of lawsuit or warranty. This information should only be used as a guide and buyers shall independently test and determine products suitability.