

ITEM SPECIFICATION

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Item Code : 2101099844

CLOTH POLYESTER FILAMENT WOVEN DARK BLUE 150 CM WIDTH
(MINIMUM WIDTH EXCLUDING SELVEDGES).

SPECIFICATION. (PARAMETERS 1 & 6 ARE INDICATIVE TO MEET THE
PARAMETERS AT SL. NO. 2 & 4).

- 1) ENDS/INCH-100 +/-2% PICKS/INCH -80 +/- 2%. (IS:1963).
- 2) MASS/Sq MTR (GMS) - 110 +/- 5%. (IS:1964).
- 3) TEARING STRENGTH (MIN)WARP- 1 KGF WEFT- 1 KGF (IS:6489)
- 4) BREAKING STRENGTH (MIN)WARP -700 N,WEFT -750 N.(IS:1969)
- 5) MATERIAL - 100 % POLYESTER FILAMENT.
- 6) COUNT OF YARN WARP-75 D +/-3% WEFT-150 D +/- 3%(IS:3442)
- 7) PH VALUE - 6.0 - 8.5 (IS:1390)
- 8) COLOUR FASTNESS TO WASHING - (IS/ISO 105-C10:2006, C(3))
COLOUR CHANGE & STAINING ON COTTON - 4 OR BETTER.
- 9) COLOUR FASTNESS TO PERSPIRATION - (IS:971).
COLOUR CHANGE & STAINING ON COTTON - 4 OR BETTER.
- 10) COLOUR FASTNESS TO LIGHT - 5 OR BETTER (IS:2454)
- 11) COLOUR FASTNESS TO RUBBING-DRY-4-5 OR BETTER
WET-4-5 OR BETTER (ISO 105 X 12)
- 12) COLOUR DEFINITION:A) COLOUR SPACE-CIE LAB 1976,
B)ILLUMINATION-D65,C)OBSERVER-10 DEG, D)MODE-REFLECTANCE
E)X=2.120,Y= 2.260,Z=3.030,L=16.820,C=4.360,H=262.730.
CMC L:C-2:1,DELTA E LESS THAN OR EQUAL TO 2.0.
- 13) FIRM SHALL GET THEIR NAME WOVEN IN THE SELVEDGES WITH
FINER THREAD OF THE SAME COLOUR AT AN INTERVAL NOT
EXCEEDING 30 CMS BETWEEN TWO MARKINGS.
- 14) THE MANUFACTURER SHALL SUPPLY THE MATERIAL DULY FLAGGED
FOR ALL TYPE OF DEFECTS.
- 15) PACKING & MARKING: AS PER CQA(T&C) KANPUR SCHEDULE NO.
CQA(T&C)/PMS/35(D),EXCEPT THAT A) FABRIC IN ROLL FORM SHALL
NOT BE LESS THAN 40 METRES IN THE CONTINUOUS RUNNING LENGTH
WITHOUT STITCHING/BASTING IN BETWEEN. B) ROLL WEIGHT SHALL
NOT EXCEED 50 KGS. C) EACH ROLL OF FABRIC SHALL BE WRAPPED
SEPERATELY WITH POLYPROPYLENE PLAIN SHEET/HDPE SHEET.FINAL
PACKING OF 2 ROLLS IN ONE W.P GUNNY/HDPE SHEETS.D)DIMENSIONS
FOR PAPER TUBES OF FABRIC ROLL: OUTER DIA-3.5 CM, INNER
DIA-2.5 CM,THICKNESS-0.5 CM. E)FABRIC SELVEDGE SHALL BE
WOUND EVENLY AT ONE EDGE.
- 16) WIDTH OF SELVEDGES SHALL NOT EXCEED 8 MM. 17) THE FEEL
FINISH OF THE FABRIC SHALL MATCH TO THE SAMPLE AVAILABLE
WITH OCF AVADI 18)SAMPLING PLAN: AS PER ANNEXURE (ISO:2859).
- 19)SHORT LENGTH PIECES BETWEEN 10M TO 40M SHALL BE SUPPLIED/
ACCEPTED TO THE EXTENT OF 5% OF TOTAL ORDER QTY.SHORT LENGTH
PIECES BETWEEN 10M TO 20M SHALL BE ACCEPTED WITH PRICE
REDUCTION TO COMPENSATE THE MATERIAL & LABOUR LOSS.

SAMPLING PLAN
(BASED ON AQL OF 4% ISO – 2859)

Lots size in Bolts of 40 m or as agreed	Sampling Plan for					
	Visual Parameters		Physical Parameters (for laboratory tests)		Chemical Parameters and other physical parameters * Requiring long testing time (for lab. Tests)	
	Sample Size	Acceptance No.	Sample Size	Acceptance No.	Sample Size	Acceptance No.
1	2	3	4	5	6	7
Below 151	13	1	13	1	3	0
151 to 280	13	1	13	1	5	0
281 to 500	20	2	13	1	5	0
501 to 1200	32	5	20	2	5	0
1201 to 3200	50	5	32	3	13	1

* Times consuming physical parameters are (i) Shrinkage (ii) Spray rating test.

Note:

- i. Sample drawn as per column (2) to be first examined visually. If found satisfactory, the samples for lab testing as per the column (4) be drawn out from the samples originally drawn as per column (2) by the sampling officer and marked by him accordingly.
- ii. Samples for lab testing will be drawn from the samples drawn as mentioned in column (2) only.
- iii. For chemical parameters samples to be drawn at random as per IS: 4905 from those samples drawn as per column (4).