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**SPECIFICATION FOR
 ITEM: FABRIC POLYCOTTON 8016.--**

Ref: 8016.--

NO	ITEM	SPECIFICATION	PENFABRIC'S TEST METHOD
1.	WEAVE	Poplin	
2.	COMPOSITION	Poly : 65% } +/- Cotton : 35% } 3%	
3.	FINISHED DENSITY (NO. OF THREADS / INCH)	Warp : 121 } +/- Weft : 76 } 2	ASTM D 3775 – 1985
4.	YARN COUNTS	45TC / 45TC } + / - 2s	ASTM D 1059 - 87
5.	FABRIC WEIGHT	105g/m2 } +/-5%	ASTM D 3776-85
6.	FINISHED WIDTH	58"-59" inches	ASTM D 3774 - 89
7.	TENSILE STRENGTH	Min. 16 kgs.	ASTM 5034
8.	TEAR STRENGTH	Min. 1000 g	ASTM D 1424 – 1996 (Elmendorf)
9.	SEAM SLIPPAGE	Min 12 kg	ASTM D 434 - 95 (Seam opening at 6.0mm)
10.	PILLING	Min. 3	ASTM D 3512 - 1982 (After 36,000 revs./ 30 mins)
11.	DIMENSIONAL CHANGE TO WASHING	+/- 2%	AATCC 135-IV A - 1987 (3 x 50oC wash with tumble dry)
12.	COLOURFASTNESS TEST	Refer page 2	
13.	CARE INSTRUCTIONS		

COLOR FASTNESS

ITEM & TEST METHOD	SPECIFICATION			
	White	Pastel	Medium	Dark
1. Light				
20 AATCC F.U (Carbon Arc Lamp)	3	4	4	4
2. Washing				
AATCC 61 – 2A				
Color Change	4	4-5	4	4
Staining on: Cotton		4-5	4	3-4
Nylon		4	3-4	*3
Polyester		4-5	4	3-4
BS 1006 C02 & C03				
Color Change		4-5	4	4
Staining on: Cotton		4-5	4	3-4
Polyester		4-5	4	3-4
3. Perspiration				
AATCC 15 & BS 1006 E04				
Color Change		4-5	4	4
Staining on: Cotton		4-5	*4	*3-4
Nylon		4-5	*4	@3-4
Polyester		4-5	*4	*3-4
4. Water				
BS 1006 E01				
Color Change		4-5	4	4
Staining on: Cotton		4-5	4	*3-4
Nylon		4-5	*4	@3-4
Polyester		4-5	*4	*3-4
5. Preoxide / Hypochlorite Bleach				
BS 1006 N02 / AATCC 3 – 1985				
(TEST III)				
Color Change		Color change depends on whiteness	←-----DO NOT BLEACH -----→	
Staining on: Cotton				
Nylon				
6. Perborate Washing				
BS 1006 C06 – TEST B2 (s)				
Color Change	4	4	4	4
Staining on: Cotton		4-5	4	3-4
Nylon		4-5	4	3-4
7. Drycleaning				
AATCC 132 & BS 1006 D01				
Color Change		4-5	4	4

8. Rubbing				
AATCC 8, BS 1006 X12 & JISL 0823				
- Dry		4-5	4	3-4
- Wet		4-5	3-4	2-3
Remarks:				
NB: * Denotes half grade lower for Red, Lilac, Turquoise and Burgundy.				
@ Denotes one grade lower for Red, Lilac, Turquoise and Burgundy.				
All assessments are based on AATCC Grey Scale				