

Twill Material

The basic material is twill weave 65% polyester and 35% cotton. It has soil release and resistance to stains. The color is Army white 521. This material is tested to meet the standards in the table below.

The width of the material is 66 inches. It comes on rolls of 200 yards and we have approximately 5K-7K yards available.

GL-PD-13-11B

TABLE I. Physical requirements for basic material and trim material

Characteristic	Requirement	
	Basic material	Trim material
Weight, (oz./sq. yd.)	7.1 (± 0.3)	7.1 (± 0.3)
Fabric count (YPI) (minimum)		
Warp	90	90
Fill	50	50
Breaking strength (lbs.),(minimum)		
Warp	210	210
Filling	90	90
Tear Strength (lbs.)(minimum)		
Warp	13	13
Fill	7	7
Dimensional stability (percent) (maximum)		
Warp	2	2
Fill	2	2
Colorfastness to (minimum)		
Laundering (after 3cycles)		
Color change	4-5	3-4
Staining	4-5	3
Perspiration		
Alkaline	4-5	4
Acid	4-5	3-4
Light (after 40 hrs or 170 kJ)	4	4
Crocking		
Dry	4	2.5
Wet	4	2
Abrasion (cycles)(minimum)	250	250
Water Repellency (minimum)		
Initial	4-5	4-5
After 30 laundering cycles	3	3
Drying time (minutes) (maximum)	57	57
Moisture Wicking (inches/hour) (minimum)		
Warp	5	5
Fill	5	5
Pilling (minimum)	3	3
Soil Release (minimum)		
Initial	4	4
After 30 laundering cycles	3.5	3.5

The basic material shall be tested for characteristics listed in Table I using the methods of testing specified therein. Sample unit shall be three (3) continuous yards full width. The lot shall be