

Minimum Textile Testing Standards for Apparel

All fabric used in Seventh Avenue apparel items is expected to match the [contents indicated on the label](#). The fabric must also comply with [flammability regulations](#) designated for the item. The wearability, performance, and durability of the fabric will be tested to ensure acceptable apparel quality. The following represents the minimum standards that the fabric must adhere to before receiving Seventh Avenue's approval. (Please note that any combination of these tests may be performed on any item at Seventh Avenue's discretion):

<u>PROPERTY</u>	<u>METHOD</u>	<u>REQUIREMENT</u>
Appearance after Laundering/Dry Cleaning	AATCC 124/143 (Fabric) AATCC 143 (Garment)	Visual assessment satisfactory, no noticeable pilling, distortion, twisting, surface change or color change to fabric
Bursting Strength (Knits) Tensile Strength (Wovens)	ASTM D3786 / ASTM D5034	30 lbs minimum less than 5 oz/sq yard 40 lbs minimum 5 oz/sq yard to 12 oz/sq yard 60 lbs minimum 12 oz/sq yard or greater
Colorfastness to Crocking (dry / wet)	AATCC 8	dry class 3.0, wet class 2.0
Colorfastness to laundering/dry clean	AATCC 61, 132	class 3.5
Colorfastness to non-chlorine bleach	AATCC 172	class 4.0
Colorfastness to perspiration	AATCC 15	3.0 Staining minimum 4.0 Shading minimum 5.0 Self-staining
Colorfastness to Water	AATCC107	4.0 Shading minimum 3.0 Staining minimum 5.0 Self-staining
Dimensional Stability (3 wash, 1 dry cleaning)	AATCC 135 (Fabric) AATCC 150 (Garment)	+1% (Woven) -3% (TO)
Fabric Weight (From Specification)	ASTM D3776	+/- 5% maximum deviation
Fiber Identification (Chemical or Mechanical Separation)	AATCC 20A/ASTM629	0% for single; 3% for blend
Flammability	16CFR Part 1610	Class 1 Only
Pilling Resistance	ASTM D3512	4.0 @ 30 minutes 3.0 @ 60 minutes
Seam Slippage	ASTM D1683	at seams, 20 lb minimum
Tear Strength (Wovens)	ASTM D1424	1.5 lbs minimum less than 5oz/sq yard 2.0 lbs minimum 5 oz/sq yard to 12 oz/sq yard 2.5 lbs minimum 12 oz/sq yard or greater
Thread Count (From Specification)	ASTM 3775 / D3887	+ / - 5% maximum deviation
Twisting or Torqueing (After 3 launderings/1 dry cleaning)	AATCC 179	½ in or 5.0% max