



**POLICIES AND PROCEDURES
QUALITY ASSURANCE
GENERAL REQUIREMENTS FOR FABRICS**

To provide fabric to the American Textile Company, vendors must meet certain performance standards. These standards are the same used by our customers to approve our products. Verification must be done through the use of the standard methods listed and at an independent textile laboratory.

Test	Method	Specification
Thread Count	ASTM D3775	+5%/- 0% of declared TC ¹
Fabric Weight (oz./yd ²)	ASTM D3776	+/- 5% of declared weight
Yarn Structure	ASTM D1059	As approved sample and specification
Dimensional Stability (3 home launderings – wash warm, tumble dry medium-	AATCC 135, 150 MOD	3% X 3% - general depends of fabric)
Pilling Appearance	ASTM D 3512	Class 3.0 @ 30 minutes
Tear resistance	ASTM D 1424	3 lb.
Tensile Strength	ASTM D 5034	25lbs/in
Colorfastness		
To Laundering	AATCC 61, 132	
Shade Alteration		Class 4.0
To Perspiration	AATCC 15	
Shade Alteration		Class 4.0
To Light	AATCC 16 E	Class 4.0 @ 20 hours
Crocking	AATCC 8 or 116	
Dry/wet original		Class 4/3
Dry/wet after one wash (dark colors only)		Class 4/3
Teflon		
Initial-Water repellency	AATCC22	5 initial, 4 after wash
Initial – Oil Repellency	AATCC TM 118	5 initial, 3 after wash
15 Wash Cycles	DuPont US Home Laundrying method	70 (ISO 2) minimum 3
Weave Type: visual	Plain weave or as approved sample and Specification.	
Waterproof – 300 mbars	AATCC127	

¹ The specified Thread Count will be the target. Suppliers **cannot** routinely be up to 5% below the target and be considered acceptable.



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In addition to these performance standards, there are American Textile Company standards that must be met. These standards must be included in a specification sent to the ATC Quality Department (see "***Fabric Submittals from Vendors***").

The items shall include, but not be limited to:

Specification	ATC Requirement
<ul style="list-style-type: none">• Performance standards• Number of splices/roll	See previous page 1/ roll max. Properly flagged and not less than 25 yards from end of roll.
<ul style="list-style-type: none">• Actual roll width• Cuttable width• Number of yards per roll• Core size, including diameter and wall thickness	Tolerance + 0.25", (-) 0" of spec. Tolerance +/- 0.25" Minimum 100 yards. Minimum 2.5" (6.35 cm) ID and 3/8" (0.95 cm) thickness ⁽¹⁾
<ul style="list-style-type: none">• Core tags	Each roll. Info to assist tracking lots. Must include the <u>Yards per roll</u> , <u>Purchase Order #</u> , <u>Vendor Lot #</u> and <u>Vendor Roll #</u>
<ul style="list-style-type: none">• Blend percentage• Yarn used	+/- 3% of declared. Type and gauge (spelled out in the <i>Fabric Specification Sheet filled out by the vendor</i>)
<ul style="list-style-type: none">• Colors• Defect Tolerance	Standard swatches forwarded to ATC Provide ATC with Major/Minor defect Tolerances.
<ul style="list-style-type: none">▪ Roll Weight	225 pounds maximum

(1) Core dimensions must prevent crushing of the core in normal distribution and handling. The core can exceed the fabric width by 2" maximum. Fabric 90" and wider should use cores with a wall thickness of at least 1/2" (1.27 cm). Core plugs are recommended.

Penalties and Charges

1. Failures due to fabric not meeting specifications and subsequent charges from our customers may be charged back to the fabric supplier.
2. Additional laboratory testing due to a fabric failure may be charged back to the fabric supplier.



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I HAVE READ AND UNDERSTAND THE REQUIREMENTS AS OUTLINED IN THE "GENERAL FABRIC REQUIREMENTS"

_____ name

_____ company name

_____ title

_____ date