



**Fabric:** poly/carbon stripe      **Style #:** 4043  
**Content:** 99% Polyester 1% Carbon      **Finish:** 60 (Barrier)  
**Weight:** 2.55 oz/yd sq      **Finished Construction:** 155 ends x 90 picks/inch  
**Overall Width:** 64 - 65 inches      **Cutable Width:** 62.75 inches

**Care Instructions:**  
**Please see Care Code ST**

**Barrier - P480**

Chemical Splash Protective Suits, 406 - Fluid Resistant Lab Coats, 409 - Fluid Resistant Surgical Gowns, 410 - Hamper Bags (Fluid Resistant), 417 - Sterile Wrappers, 434 - Surgical Covers (Fluid Resistant), 435 - Surgical Drapes, 437 - Surgical Packs, 438 - Pharmaceutical Clean Room Coveralls, 430

<u>Test Name, Reference and KTEST#</u>	<u>Test Detail</u>	<u>Specification</u>	<u>Applicable to:</u>
Colorfastness to Crocking AATCC 8 A-03	Dry Wet	≥ 4.0 ≥ 3.0	All dark shades All dark shades
Colorfastness to Light AATCC 16 - 1993 option A A-05	20 hours	≥ 4.0	All lots
Colorfastness to Perspiration - Acid AATCC 15 A-06	Shade Change Staining	≥ 4.0 ≥ 3.0	All lots Grade only Cotton & Polyester fibers
Colorfastness to Washing - IIIA AATCC 61 - 1993 A-08	Shade Change Staining	≥ 4.0 ≥ 4.0	All lots Grade only Cotton & Polyester fibers
Colorfastness to Washing - IVA AATCC 61 - 1993 A-08	Shade Change	≥ 3.0	All lots
170°F Wash Shrinkage B-02	3 wash/dry cycles at 170°F	≤ 4.0	All lots
Appearance After Laundering C-01	3 wash/dry cycles at 170°F	≥ 3.0	Development Lots Only
Seam Slippage ASTM D434 C-06		≥ 20 lb. ≥ 30 lb.	Fabric weight ≤ 3.0 oz./yd <sup>2</sup> Fabric weight > 3.0 oz./yd <sup>2</sup>
Stretch and Recovery ASTM D 3107 C-07		Stretch	Varies with Style      All lots
Tensile Strength ASTM D 5034 C-09		≥ 30 lb. ≥ 50 lb.	Fabric weight ≤ 3.0 oz./yd <sup>2</sup> Fabric weight > 3.0 oz./yd <sup>2</sup>
Texture Distortion ASTM D1336 C-10	2 lb. load	0.00 in.	Development Lots
Tongue Tear ASTM D2261 C-11		≥ 1.5 lb. ≥ 4.0 lb. ≥ 1.0 lb.	Fabric weight ≤ 3.0 oz./yd <sup>2</sup> Fabric weight > 3.0 oz./yd <sup>2</sup> Fabric weight ≤ 3.0 oz./yd <sup>2</sup> (Dev. Lots)
Suter Hydrostatic / ISO 811 (1 cm/sec) AATCC 127 D-01	original 1X IVA wash (5X)** 5X IVA wash (25X)** 10X IVA wash (50X)** 15X IVA wash (75X)** 20X IVA wash (100X)**	≥ 500 mm ≥ 500 mm None None None ≥ 400 mm	All lots
Impact Penetration AATCC 42 D-02	original 1X IVA wash (5X)** 5X IVA wash (25X)** 10X IVA wash (50X)** 15X IVA wash (75X)** 20X IVA wash (100X)**	≤ 0.1 g.	By customer None      and Development Lots None None None None
Rain Test AATCC 35	3 ft/5 min. original 1X IVA wash (5X)**		None      Development Lots Only None

D-04	5X IVA wash (25X)**		None	
	10X IVA wash (50X)**		None	
	15X IVA wash (75X)**		None	
	20X IVA wash (100X)**		None	
Spray Test	original		≥ 90	All lots
AATCC 22	1X IVA wash (5X)**		≥ 90	
D-05	5X IVA wash (25X)**		None	
D-04	10X IVA wash (50X)**		None	
	15X IVA wash (75X)**		None	
	20X IVA wash (100X)**		≥ 90	
Air Porosity	original		None	Development Lots Only
ASTM D737	1X IVA wash (5X)**		None	
E-03	5X IVA wash (25X)**		None	
	10X IVA wash (50X)**		None	
	15X IVA wash (75X)**		None	
	20X IVA wash (100X)**		None	
Moisture Vapor Transmission	original		None	Development Lots Only
ASTM E96 (B)	1X IVA wash (5X)**		None	
E-10	5X IVA wash (25X)**		None	
	10X IVA wash (50X)**		None	
	15X IVA wash (75X)**		None	
	20X IVA wash (100X)**		None	
Flammability			Class 1	Hand Standards
F-01				
Surface Resistivity	original	< 10 <sup>11</sup> ohms/square		Hand Standards with
Concentric Ring	50X**	< 10 <sup>11</sup> ohms/square		Carbon Fibers
at 50% R.H., 73 ± 2°F	100X**	< 10 <sup>11</sup> ohms/square		
AATCC 76 (NFPA-99)				
Static Decay	original	< 0.5 sec.		Hand Standards with
Charge: 5000-500 Volts	50X**	< 0.5 sec.		Carbon Fibers
at 50% R.H., 73 ± 2°F	100X**	< 0.5 sec.		
FTM 4046 (NFPA-99)				

\* Tests required on Color Standard lots

\*\* Washing durability is based on AATCC 61 IVA wash test where 1 wash is approximately equal to 5 industrial washes.