

ANSI/ISEA 1007-2004 Background Material Testing Report

Material Description:	Test Lab(s):
Fabric ____ Non-Fabric ____ (check one) Lot #:	Address:
Manufacturer:	Contact Person:
Color:	Date Tested:

REQUIRED TESTS				
Test/Method	Section	ANSI/ISEA 107 Requirement	Test Result	Pass/ Fail/ NA
Determination of Color ASTM E1164-02 (Single layer)	7.1.1 9.2	Test specimen must fulfill the colorimetric requirements of Table 2 for background material	<i>As submitted:</i> x = y = %Y = <i>After 40x Xenon:</i> x = y = %Y =	
Determination of Color ASTM E1164-94 (Two layers of the same material)	7.1.1 9.2	Test specimen must fulfill the colorimetric requirements of Table 2 for background material	<i>As submitted:</i> x = y = %Y = <i>After 40x Xenon:</i> x = y = %Y =	
Colorfastness Crocking AATCC 8-2001	7.2.1	Wet 3.0 Dry 3.0		
Colorfastness Perspiration AATCC 15-2000	7.2.2	Color change 4.0 Staining 3.0	Acetate: Cotton: Nylon: Polyester: Acrylic: Wool:	

REQUIRED TESTS (cont)				
Test/Method	Section	ANSI/ISEA 107 Requirement	Test Result	Pass/ Fail/ NA
Dimensional change Domestic AATCC 135-2000 (3)IIIA(iii) @105°F	7.3.1	Woven L +/- 4% W +/- 2%	1st Cycle Length = Width = 5th Cycle Length = Width =	
		Knit L +/- 7% W +/- 5%	1st Cycle Length = Width = 5th Cycle Length = Width =	
Bursting Strength (Knitted) ASTM D3787-01	7.4.1	267 N (60 lb) (27.2 kg)		
Tear Resistance (Woven) ASTM D1424-96	7.4.2	13 N (3 lb) (1.3 kg) Average force machine Average force cross-machine		
Breathability ASTM E96-00 Procedure B	7.6	600g/m ² /24 hr microporous 3600g/m ² /24 hr hydrophilic		

TESTED AS CARE LABEL DICTATES				
Test/Method	Section	ANSI/ISEA 107 Requirement	Test Result	Pass/ Fail or N/A
Colorfastness Domestic/Commercial Laundry AATCC 61-2001-2A 120°F	7.2.3 Table 4	Color change 4.5 Staining 3.0	Acetate: Cotton: Nylon: Polyester: Acrylic: Wool:	
Colorfastness Commercial Laundry AATCC 61-2001-2A 160°F	7.2.3 Table 4	Color change 4.5 Staining 3.0	Acetate: Cotton: Nylon: Polyester: Acrylic: Wool:	
Colorfastness Domestic/Commercial Laundry AATCC 61-2001-2A 105°F	7.2.3 Table 4	Color change 4.5 Staining 3.0	Acetate: Cotton: Nylon: Polyester: Acrylic: Wool:	

TESTED AS CARE LABEL DICTATES (cont)				
Test/Method	Section	ANSI/ISEA 107 Requirement	Test Result	Pass/ Fail or N/A
Colorfastness Water AATCC 107-2002	7.2.3 Table 4	Color change 3.0 Staining 3.0	Acetate: Cotton: Nylon: Polyester: Acrylic: Wool:	
Colorfastness Hypochlorite Bleaching AATCC 61-2001-4A	7.2.3 Table 4	Fading 4.0		
Colorfastness Hypochlorite Bleaching AATCC 61-2001-5A	7.2.3 Table 4	Fading 4.0		
Colorfastness Hot-pressing AATCC 133-1999	7.2.3 Table 4	Color change 4.5 Staining 3.0		
Colorfastness Dry cleaning AATCC 132-2001-5A	7.2.3 Table 4	Color change 4.0		
Dimensional change Commercial AATCC 96-1999 IIIc-A and/or E@145°F	7.3.1	Woven L +/- 4% W +/- 2%	1st Cycle Length = Width = 5th Cycle Length = Width =	
		Knit L +/- 7% W +/- 5%	1st Cycle Length = Width = 5th Cycle Length = Width =	
Water Resistance AATCC 35-2000	7.5	1 gram of water penetration Level 1		
Water Repellence AATCC 22-2001	7.5.1	90 new, 70 after 5 washings		