

# New World

## Textile Testing Laboratory

206 Globe Mills Avenue, Fall River, MA 02724  
 Tel: (508) 689-1653 Fax: (508) 689-1792  
 Email: LLeite@Nworld.US

Product: 70 Denier Multicam Stedaire/PTFE 3ply w/ Tricot Backing

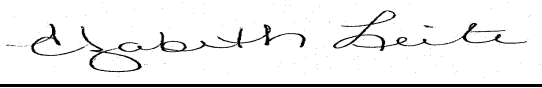
Page 1 of 2

CHARACTERISTIC	SPECIFICATION & LIMITS	DYE LOT RESULTS	TEST METHOD	TESTING FREQUENCY
Width		59 3/4		
Weight (oz/sq.yd.)	6.0 Max.	5.8	ASTM D-3776 (Method C)	All Lots
Breaking Strength (lbs.)				All Lots
Warp	135 Min.	168	ASTM D-5034 (G-E OR G-T)	
Fill	100 Min.	187		
Tearing Strength (lbs.)			ASTM D 2261 (Tongue)	All Lots
Warp	3.0 Min.	5.7		
Fill	3.0 Min.	7.8		
Hydrostatic Resistance, psi				All Lots
Initial	No Leakage	NL	4.4.2.2	
After Strength of Coating	No Leakage	NL	4.4.2.3	
After Abrasion	No Leakage	NL	4.4.2.4	
After High Humidity	No Leakage	NL	4.4.2.5	
After Diethyltoluamide				
Initial	No Leakage	NL	4.4.13	
After Laundering	No Leakage	NL	4.4.13, 4.4.14 & 4.4.2.2	
After Diesel Fuel				
Initial	No Leakage	NL	4.4.13, 4.4.14 & 4.4.2.2	
After Laundering	No Leakage	NL	4.4.13, 4.4.14 & 4.4.2.2	
After Weapons Lubricant				
Initial	No Leakage	NL	4.4.13, 4.4.14 & 4.4.2.2	
After Laundering	No Leakage	NL	4.4.13, 4.4.14 & 4.4.2.2	
After Motor Oil				
Initial	No Leakage	NL	4.4.13, 4.4.14 & 4.4.2.2	
After Laundering	No Leakage	NL	4.4.13, 4.4.14 & 4.4.2.2	
Hydrostatic Resistance - (to burst)			ASTM D-751, 4.4.2.1	All Lots
Initial	90 Min.	145	4.4.2.6 & 4.4.2.1	
After Diethyltoluamide	90 Min.	107		
Moisture Vapor Transmission Rate (MVT)				All Lots
Initial, g/m2/24 hr.				
Procedure B	600 Min.	758	4.4.8.1	
Procedure BW	3,600 Min.	6,433	4.4.8.2	
After Synthetic Perspiration				
Procedure B	600 Min.	880	4.4.12 & 4.4.8.1	
Procedure BW	3,600 Min.	7,127	4.4.12 & 4.4.8.2	
Water Permeability				All Lots
Initial	No Leakage	NL	4.4.7	
After Synthetic Perspiration			4.4.12 & 4.4.7	
Initial	No Leakage	NL		
After Laundering	No Leakage	NL		
After Diethyltoluamide			4.4.13, 4.4.14 & 4.4.7	
Initial	No Leakage	NL		
After Laundering	No Leakage	NL		
After Diesel Fuel			4.4.13, 4.4.14 & 4.4.7	
Initial	No Leakage	NL		
After Laundering	No Leakage	NL		
After Weapons Lubricant			4.4.13, 4.4.14 & 4.4.7	
Initial	No Leakage	NL		
After Laundering	No Leakage	NL		
After Motor Oil			4.4.13, 4.4.14 & 4.4.7	
Initial	No Leakage	NL		
After Laundering	No Leakage	NL		

CHARACTERISTIC	SPECIFICATION & LIMITS	DYE LOT RESULTS	TEST METHOD	TESTING FREQUENCY
Spray (%) Initial After 3 Launderings	100, 90, 90 Min. 90, 90, 80 Min.	100, 100, 100 100, 100, 100	4.4.9.1 4.4.9.2 & 4.4.9.1	All Lots
Resistance to Organic Liquids Initial After 3 Launderings	No Wetting No Wetting	Pass Pass	4.4.10.1 4.4.10.2 & 4.4.10.1	All Lots
Physical Surface Appearance After 20 Launderings	shall show no change	Pass	p.p. 3.6 4.4.4	
Colorfastness – Crocking (All Shades) Dry Staining: Wet Staining:	3-5 Min 3-5 Min	4.5 4.5	AATCC No. 8	All Lots
Colorfastness – Laundering (All Shades) Shade Change: Staining:	3-4 Min 3-4 Min	4.5 4.5	AATCC No. 61 4.4.11.1 Test 1A (3cycles)	All Lots
Colorfastness – Light (All Shades)	3-4 Min	4.0	AATCC No. 16E 4.4.11.3 75 Kjoules	All Lots
Colorfastness – High Humidity	No Appreciable Change <u>2</u> /	Pass	4.4.2.5	
Dimensional Stability (%) Warp Fill		4.9 0.8	p.p. 3.7 AATCC 96, Option 1C	
Pattern Execution		25.71	4.4.15	All Lots

\*FED STD 191A

I certify that the above tests were performed under my supervision in accordance with the specification test requirements and that the reported test results are true, valid and applicable to the samples tested. I also certify that the above samples were the the only samples tested from the lot of components identified above.

Signed   
Lab Manage/Duro Textiles LLC

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Product: 70 Denier Multicam Stedaire/PTFE 3ply w/ Tricot Backing

Page 1 of 10

Test Fed - Std. -191A  
Unless Noted Otherwise

	ROLL #1	ROLL #2	ROLL #3	ROLL #4
<b>Width</b>	59 13/16	59 3/4	59 3/4	59 3/4
<b>Weight, oz./sq.yd.</b>	6.0	5.7	5.7	5.8
ASTM D-3776 (Method C)	5.9	5.7	5.7	5.7
6.0 Maximum	5.9	5.7	5.8	5.7
	6.1	5.7	5.7	5.7
	<u>6.0</u>	<u>5.8</u>	<u>5.9</u>	<u>5.8</u>
5 Readings w/Average	<b>6.0</b>	<b>5.7</b>	<b>5.8</b>	<b>5.8</b>

	WARP	WARP	WARP	WARP
<b>Breaking Strength, lbs</b>				
ASTM D-5034 (G-E or G-T)	165	167	178	172
Warp 135 Minimum	169	165	176	163
	168	167	176	166
	168	163	171	161
	<u>160</u>	<u>161</u>	<u>168</u>	<u>163</u>
5 Readings w/Average	<b>166</b>	<b>165</b>	<b>174</b>	<b>165</b>

	FILL	FILL	FILL	FILL
<b>Breaking Strength, lbs</b>				
ASTM D-5034 (G-E or G-T)	190	199	194	179
Fill 100 Minimum	187	193	188	178
	180	194	193	177
	186	195	185	182
	179	190	194	186
	189	194	187	177
	179	195	192	184
	<u>186</u>	<u>190</u>	<u>188</u>	<u>179</u>
8 Readings w/Average	<b>185</b>	<b>194</b>	<b>190</b>	<b>180</b>

Test Fed - Std. -191A  
Unless Noted Otherwise

ROLL #1      ROLL #2      ROLL #3      ROLL #4

	<b>Warp</b>	<b>Warp</b>	<b>Warp</b>	<b>Warp</b>
<b>Tearing Strength, lbs.</b>				
tongue, ASTM D 2261	5.8	5.8	6.3	5.8
Warp 3.0 Minimum	5.8	5.4	6.3	6.3
	5.0	4.9	5.7	6.1
	5.6	5.5	5.8	6.1
	<u>5.5</u>	<u>5.0</u>	<u>6.1</u>	<u>5.5</u>
5 Readings w/Average	<b>5.5</b>	<b>5.3</b>	<b>6.0</b>	<b>6.0</b>

	<b>Fill</b>	<b>Fill</b>	<b>Fill</b>	<b>Fill</b>
<b>Tearing Strength, lbs.</b>				
tongue, ASTM D 2261	7.6	7.8	8.1	8.1
Fill 3.0 Minimum	8.0	7.4	7.6	8.0
	5.4	7.3	8.2	8.6
	7.2	7.6	7.3	8.4
	<u>7.7</u>	<u>7.4</u>	<u>8.1</u>	<u>8.0</u>
5 Readings w/Average	<b>7.7</b>	<b>7.5</b>	<b>7.9</b>	<b>8.2</b>

<b>Hydrostatic Resistance, psi</b>	NL	NL	NL	NL
<b>Initial</b>	NL	NL	NL	NL
T.M. 4.4.2.2	NL	NL	NL	NL
No Leakage	NL	NL	NL	NL
5 Determinations	NL	NL	NL	NL

<b>After Strength of Coating</b>	NL	NL	NL	NL
T.M. 4.4.2.3	NL	NL	NL	NL
No Leakage	NL	NL	NL	NL
	NL	NL	NL	NL
5 Determinations	NL	NL	NL	NL

<b>After Abrasion</b>	NL	NL	NL	NL
T.M. 4.4.2.4	NL	NL	NL	NL
No Leakage	NL	NL	NL	NL
	NL	NL	NL	NL
5 Determinations	NL	NL	NL	NL

<b>After High Humidity</b>	NL	NL	NL	NL
T.M. 4.4.2.5, No Leakage	NL	NL	NL	NL
3 Determinations	NL	NL	NL	NL

Test Fed - Std. -191A  
Unless Noted Otherwise

ROLL #1      ROLL #2      ROLL #3      ROLL #4

**Hydrostatic Resistance, psi**

<b>After Diethyltoluamide</b>	<b>Initial</b>	<b>Initial</b>	<b>Initial</b>	<b>Initial</b>
<b>Initial</b>	NL	NL	NL	NL
T.M. 4.4.13	NL	NL	NL	NL
No Leakage	NL	NL	NL	NL
	NL	NL	NL	NL
5 Determinations	NL	NL	NL	NL

<b>After Diethyltoluamide</b>	<b>After</b>	<b>After</b>	<b>After</b>	<b>After</b>
<b>After Laundering</b>	NL	NL	NL	NL
T.M. 4.4.13, 4.4.14 & 4.4.2.2	NL	NL	NL	NL
No Leakage	NL	NL	NL	NL
	NL	NL	NL	NL
5 Determinations	NL	NL	NL	NL

<b>After Diesel Fuel</b>	<b>Initial</b>	<b>Initial</b>	<b>Initial</b>	<b>Initial</b>
<b>Initial</b>	NL	NL	NL	NL
T.M. 4.4.13, 4.4.14 & 4.4.2.2	NL	NL	NL	NL
No Leakage	NL	NL	NL	NL
	NL	NL	NL	NL
5 Determinations	NL	NL	NL	NL

<b>After Diesel Fuel</b>	<b>After</b>	<b>After</b>	<b>After</b>	<b>After</b>
<b>After Laundering</b>	NL	NL	NL	NL
T.M. 4.4.13, 4.4.14 & 4.4.2.2	NL	NL	NL	NL
No Leakage	NL	NL	NL	NL
	NL	NL	NL	NL
5 Determinations	NL	NL	NL	NL

<b>After Weapons Lubricant</b>	<b>Initial</b>	<b>Initial</b>	<b>Initial</b>	<b>Initial</b>
<b>Initial</b>	NL	NL	NL	NL
T.M. 4.4.13, 4.4.14 & 4.4.2.2	NL	NL	NL	NL
No Leakage	NL	NL	NL	NL
	NL	NL	NL	NL
5 Determinations	NL	NL	NL	NL

<b>After Weapons Lubricant</b>	<b>After</b>	<b>After</b>	<b>After</b>	<b>After</b>
<b>After Laundering</b>	NL	NL	NL	NL
T.M. 4.4.13, 4.4.14 & 4.4.2.2	NL	NL	NL	NL
No Leakage	NL	NL	NL	NL
	NL	NL	NL	NL
5 Determinations	NL	NL	NL	NL

Test Fed - Std. -191A  
Unless Noted Otherwise

ROLL #1      ROLL #2      ROLL #3      ROLL #4

**Hydrostatic Resistance, psi**

<b>After Motor Oil</b>	<b>Initial</b>	<b>Initial</b>	<b>Initial</b>	<b>Initial</b>
<b>Initial</b>	NL	NL	NL	NL
T.M. 4.4.13, 4.4.14 & 4.4.2.2	NL	NL	NL	NL
No Leakage	NL	NL	NL	NL
	NL	NL	NL	NL
5 Determinations	NL	NL	NL	NL

<b>After Motor Oil</b>	<b>After</b>	<b>After</b>	<b>After</b>	<b>After</b>
<b>After Laundering</b>	NL	NL	NL	NL
T.M. 4.4.13, 4.4.14 & 4.4.2.2	NL	NL	NL	NL
No Leakage	NL	NL	NL	NL
	NL	NL	NL	NL
5 Determinations	NL	NL	NL	NL

**Hydrostatic Resistance - (To Burst)**

ASTM D-751, T.M. 4.4.2.1

<b>Initial</b>	145	145	160	145
90 psi Minimum	110	145	140	140
	150	150	165	145
	120	145	175	150
	<u>130</u>	<u>135</u>	<u>150</u>	<u>145</u>
5 Readings w/Averages	<b>131</b>	<b>144</b>	<b>158</b>	<b>145</b>

<b>After Diethyltoluamide</b>	110	110	90	100
T.M. 4.4.2.6 & 4.4.2.1	115	115	105	105
90 psi Minimum	120	115	100	95
	115	115	95	100
	<u>125</u>	<u>115</u>	<u>100</u>	<u>100</u>
5 Readings w/Averages	<b>117</b>	<b>114</b>	<b>98</b>	<b>100</b>

**Moisture Vapor Transmission Rate (MVT)**

<b>Initial</b>	756	786	693	870
	734	785	736	732
T.M. 4.4.8.1, ASTM E-96	763	747	684	766
Procedure B	716	724	782	861
600 g/m <sup>2</sup> /24 hr Minimum	<u>755</u>	<u>759</u>	<u>744</u>	<u>773</u>
5 Readings w/Average	<b>745</b>	<b>760</b>	<b>728</b>	<b>800</b>

**Moisture Vapor Transmission Rate (MVT)**

<b>Initial</b>	6,177	6,192	6,215	10,525
	6,143	5,484	6,585	4,047
T.M. 4.4.8.2, ASTM E-96	5,971	6,661	6,943	5,602
Procedure BW	6,021	5,758	9,245	6,139
3,600 g/m <sup>2</sup> /24 hr Minimum	<u>7,873</u>	<u>5,373</u>	<u>6,219</u>	<u>5,484</u>
5 Readings w/Average	<b>6,437</b>	<b>5,894</b>	<b>7,041</b>	<b>6,359</b>

Test Fed - Std. -191A Unless Noted Otherwise	ROLL #1	ROLL #2	ROLL #3	ROLL #4
<b>Moisture Vapor Transmission Rate (MVT)</b>	786	895	820	877
<b>After Synthetic Perspiration</b>	767	788	793	742
<b>Initial</b> , Procedure B	997	863	876	904
T.M. 4.4.12 & 4.4.8.1, ASTM E-96	846	794	909	776
600 g/m <sup>2</sup> /24 hr Minimum	<u>2,053</u>	<u>797</u>	<u>743</u>	<u>572</u>
5 Readings w/Average	<b>1,090</b>	<b>827</b>	<b>828</b>	<b>774</b>
<b>Moisture Vapor Transmission Rate (MVT)</b>	8,498	5,004	7,431	5,407
<b>After Synthetic Perspiration</b>	6,806	12,622	7,381	6,703
<b>Initial</b> , Procedure BW	6,925	8,033	7,797	6,455
T.M. 4.4.12 & 4.4.8.2, ASTM E-96	6,932	7,355	5,872	5,541
3,600 g/m <sup>2</sup> /24 hr Minimum	<u>6,250</u>	<u>7,107</u>	<u>7,976</u>	<u>6,440</u>
5 Readings w/Average	<b>7,082</b>	<b>8,024</b>	<b>7,291</b>	<b>6,109</b>
<b>Water Permeability</b>	NL	NL	NL	NL
<b>Initial</b>	NL	NL	NL	NL
T.M. 4.4.7	NL	NL	NL	NL
No Leakage	NL	NL	NL	NL
5 Determinations	NL	NL	NL	NL
<b>After Synthetic Perspiration</b>	NL	NL	NL	NL
<b>Initial</b>	NL	NL	NL	NL
T.M. 4.4.12 & 4.4.7	NL	NL	NL	NL
No Leakage	NL	NL	NL	NL
5 Determinations	NL	NL	NL	NL
<b>After Synthetic Perspiration</b>	NL	NL	NL	NL
<b>After Laundering</b>	NL	NL	NL	NL
T.M. 4.4.12 & 4.4.7	NL	NL	NL	NL
No Leakage	NL	NL	NL	NL
5 Determinations	NL	NL	NL	NL
<b>After Diethyltoluamide</b>	<b>Initial</b>	<b>Initial</b>	<b>Initial</b>	<b>Initial</b>
<b>Initial</b>	NL	NL	NL	NL
T.M. 4.4.13, 4.4.14 & 4.4.7	NL	NL	NL	NL
No Leakage	NL	NL	NL	NL
	NL	NL	NL	NL
5 Determinations	NL	NL	NL	NL

Test Fed - Std. -191A  
Unless Noted Otherwise

ROLL #1      ROLL #2      ROLL #3      ROLL #4

### Water Permeability

<b>After Diethyltoluamide</b>	<b>After</b>	<b>After</b>	<b>After</b>	<b>After</b>
<b>After Laundering</b>	NL	NL	NL	NL
T.M. 4.4.13, 4.4.14 & 4.4.7	NL	NL	NL	NL
No Leakage	NL	NL	NL	NL
	NL	NL	NL	NL
5 Determinations	NL	NL	NL	NL

<b>After Diesel Fuel</b>	<b>Initial</b>	<b>Initial</b>	<b>Initial</b>	<b>Initial</b>
<b>Initial</b>	NL	NL	NL	NL
T.M. 4.4.13, 4.4.14 & 4.4.7	NL	NL	NL	NL
No Leakage	NL	NL	NL	NL
	NL	NL	NL	NL
5 Determinations	NL	NL	NL	NL

<b>After Diesel Fuel</b>	<b>After</b>	<b>After</b>	<b>After</b>	<b>After</b>
<b>After Laundering</b>	NL	NL	NL	NL
T.M. 4.4.13, 4.4.14 & 4.4.7	NL	NL	NL	NL
No Leakage	NL	NL	NL	NL
	NL	NL	NL	NL
5 Determinations	NL	NL	NL	NL

<b>After Weapons Lubricant</b>	<b>Initial</b>	<b>Initial</b>	<b>Initial</b>	<b>Initial</b>
<b>Initial</b>	NL	NL	NL	NL
T.M. 4.4.13, 4.4.14 & 4.4.7	NL	NL	NL	NL
No Leakage	NL	NL	NL	NL
	NL	NL	NL	NL
5 Determinations	NL	NL	NL	NL

<b>After Weapons Lubricant</b>	<b>After</b>	<b>After</b>	<b>After</b>	<b>After</b>
<b>After Laundering</b>	NL	NL	NL	NL
T.M. 4.4.13, 4.4.14 & 4.4.7	NL	NL	NL	NL
No Leakage	NL	NL	NL	NL
	NL	NL	NL	NL
5 Determinations	NL	NL	NL	NL

<b>After Motor Oil</b>	<b>Initial</b>	<b>Initial</b>	<b>Initial</b>	<b>Initial</b>
<b>Initial</b>	NL	NL	NL	NL
T.M. 4.4.13, 4.4.14 & 4.4.7	NL	NL	NL	NL
No Leakage	NL	NL	NL	NL
	NL	NL	NL	NL
5 Determinations	NL	NL	NL	NL

Test Fed - Std. -191A  
Unless Noted Otherwise

	ROLL #1	ROLL #2	ROLL #3	ROLL #4
<b>After Motor Oil</b>	<b>After</b>	<b>After</b>	<b>After</b>	<b>After</b>
<b>After Laundering</b>	NL	NL	NL	NL
T.M. 4.4.13, 4.4.14 & 4.4.7	NL	NL	NL	NL
No Leakage	NL	NL	NL	NL
	NL	NL	NL	NL
5 Determinations	NL	NL	NL	NL
<b>Spray Rating (%)</b>	<b>Initial</b>	<b>Initial</b>	<b>Initial</b>	<b>Initial</b>
<b>Initial, AATCC 22</b>	100	100	100	100
p.p. 3.4, T.M. 4.4.9.1	100	100	100	100
100, 90, 90 Min.	100	100	100	100
<b>After 3 Launderings</b>	<b>After</b>	<b>After</b>	<b>After</b>	<b>After</b>
p.p. 3.4, T.M. 4.4.9.2 & 4.4.9.1	100	100	100	100
90, 90, 80 Min.	100	100	100	100
	100	100	100	100
<b>Resistance to Organic Liquids</b>	<b>Initial</b>	<b>Initial</b>	<b>Initial</b>	<b>Initial</b>
<b>Initial, p.p. 3.5, T.M. 4.4.10.1</b>	PASS	PASS	PASS	PASS
No Wetting	PASS	PASS	PASS	PASS
3 Determinations	PASS	PASS	PASS	PASS
<b>Resistance to Organic Liquids</b>	<b>After</b>	<b>After</b>	<b>After</b>	<b>After</b>
<b>After 3 Launderings</b>	PASS	PASS	PASS	PASS
p.p. 3.5, T.M. 4.4.10.2 & 4.4.10.1	PASS	PASS	PASS	PASS
No Wetting	PASS	PASS	PASS	PASS
3 Determinations				
<b>Physical Surface Appearance</b>				
<b>After 20 Launderings</b>				
p.p. 3.6, T.M. 4.4.4				
One Determination	PASS	PASS	PASS	PASS

Test Fed - Std. -191A Unless Noted Otherwise	ROLL #1	ROLL #2	ROLL #3	ROLL #4				
<b>CF. - Crocking:</b> AATCC No. 8 AATCC Chromatic Trasference Scale One Determination each All Shades 3-5 Min. <u>1</u> /	<b>Dry</b> 4.5	<b>Wet</b> 4.5	<b>Dry</b> 4.5	<b>Wet</b> 4.5	<b>Dry</b> 4.5	<b>Wet</b> 4.5	<b>Dry</b> 4.5	<b>Wet</b> 4.5
<b>CF. - Laundering:</b> T.M. 4.4.11.1, AATCC No. 61, Test 1A (3 cycles) Shade Chg & Staining All Shades 3-4 Minimum	<b>Shd Chg</b> 4.0 <b>Staining</b> 4.5	<b>Shd Chg</b> 4.5 <b>Staining</b> 4.5	<b>Shd Chg</b> 4.5 <b>Staining</b> 4.5	<b>Shd Chg</b> 4.5 <b>Staining</b> 4.5	<b>Shd Chg</b> 4.5 <b>Staining</b> 4.5	<b>Shd Chg</b> 4.5 <b>Staining</b> 4.5	<b>Shd Chg</b> 4.5 <b>Staining</b> 4.5	<b>Shd Chg</b> 4.5 <b>Staining</b> 4.5
<b>CF. - Light:</b> AATCC No. 16E (75 Kjoules) T.M. 4.4.11.3 All Shades 3-4 Minimum	4.5	4	4	4	4.5			
<b>CF. - High Humidity:</b> T.M. 4.4.2.5 No Appreciable Change <u>2</u> /	PASS	PASS	PASS	PASS	PASS			
<b>Pattern Execution</b> p.p. 3.10.1, T.M. 4.4.15	25.88	25.88	25.38	25.68				

Test Fed - Std. -191A  
Unless Noted Otherwise

ROLL #1      ROLL #2      ROLL #3      ROLL #4

**Dimensional Stability, %**  
p.p. 3.7, AATCC 96, Option 1C  
Warp

1st Piece	1st Piece	1st Piece	1st Piece
Warp	Warp	Warp	Warp
5.0	4.7	4.8	5.2
4.8	5.1	5.2	5.2
<u>4.4</u>	<u>4.9</u>	<u>5.0</u>	<u>5.0</u>
<b>4.7</b>	<b>4.9</b>	<b>5.0</b>	<b>5.1</b>

3 Readings w/Averages

2nd Piece	2nd Piece	2nd Piece	2nd Piece
Warp	Warp	Warp	Warp
4.7	4.6	5.0	5.0
4.8	4.8	5.2	5.2
<u>4.5</u>	<u>4.7</u>	<u>4.8</u>	<u>5.0</u>
<b>4.7</b>	<b>4.7</b>	<b>5.0</b>	<b>5.1</b>

3 Readings w/Averages

3rd Piece	3rd Piece	3rd Piece	3rd Piece
Warp	Warp	Warp	Warp
5.0	4.0	4.8	4.8
5.0	4.5	5.3	4.7
<u>4.5</u>	<u>4.7</u>	<u>4.8</u>	<u>4.8</u>
<b>4.8</b>	<b>4.4</b>	<b>5.0</b>	<b>4.8</b>

3 Readings w/Averages

**Dimensional Stability, %**  
p.p. 3.7, AATCC 96, Option 1C  
Fill

1st Piece	1st Piece	1st Piece	1st Piece
Fill	Fill	Fill	Fill
0.8	0.6	0.5	1.2
0.8	0.7	0.8	1.0
<u>0.8</u>	<u>0.6</u>	<u>1.0</u>	<u>1.0</u>
<b>0.8</b>	<b>0.6</b>	<b>0.8</b>	<b>1.1</b>

3 Readings w/Averages

2nd Piece	2nd Piece	2nd Piece	2nd Piece
Fill	Fill	Fill	Fill
1.0	0.4	0.5	0.8
1.0	0.5	0.6	1.0
<u>1.0</u>	<u>0.5</u>	<u>0.8</u>	<u>1.0</u>
<b>1.0</b>	<b>0.5</b>	<b>0.6</b>	<b>0.9</b>

3 Readings w/Averages

3rd Piece	3rd Piece	3rd Piece	3rd Piece
Fill	Fill	Fill	Fill
1.0	0.6	0.8	1.0
1.2	0.7	0.8	1.2
<u>1.1</u>	<u>0.7</u>	<u>0.8</u>	<u>1.0</u>
<b>1.1</b>	<b>0.7</b>	<b>0.8</b>	<b>1.1</b>

3 Readings w/Averages



**Textile Testing Laboratory**

206 Globe Mills Avenue, Fall River, MA 02724

Tel: (508) 689-1653 Fax: (508) 689-1792

Email: [LLeite@Nworld.US](mailto:LLeite@Nworld.US)

Product: 70 Denier Multicam Stedaire/PTFE 3ply w/ Tricot Backing

Page 10 of 10

I certify that the above tests were performed under my supervision in accordance with the specification test requirements and that the reported test results are true, valid and applicable to the samples tested. I also certify that the above samples were the the only samples tested from the lot of components identified above.

Signed

A handwritten signature in black ink that reads "Deborah Leite". The signature is written in a cursive style and is positioned above a horizontal line.

Lab Manage/Duro Textiles LLC