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Product Specification Sheet

**Pattern: Tolstoy**

Date: 4/2/2014

**Encore by The Symphony Collection**

Description

General Treatments

Weight ( <i>linear yard</i> )	20.0 oz	Hydrolysis Resistance	7 weeks	ISO1419:1995 ( <i>Jungle Test</i> )
Width	54 "	Colorfastness to Light	200 Hours	(CFFA-2 / AATCC 16-Option 3)
Thickness	1.00 mm	Cold Crack	-20 °F	(CFFA-6a Federal Standard No. 191A-Method 5874)
Gauge	0.40	Mildew Resistant	Pass	(CFFA-120 / ASTM G21-96)
Emboss	N/A	Anti-Bacterial / Anti-Microbial	Pass	(CFFA-300 / AATCC* Test Method 147-1998)
Surface Composition	100 % Polyurethane (Polycarbonate)	Stain Resistance	with Writer's Block™	
Substrate Composition	100 % Polyester Knit	Bleach Resistant	Yes	Diluted 4:1 (20%)

Physical Properties

Abrasion	250,000+ Double Rubs	(CFFA-1A / Method ASTM D 4157-92)
Coating Adhesion	11.4 Warp	10.8 Fill (CFFA 3 / ASTM D751-98)
Tear Strength - Tongue	5.1 Warp	2.9 Fill (CFFA-16b / ASTM D2261-96)
Breaking Strength	144 Warp	113 Fill (CFFA-17 / ASTM D751-10)
Seam Strength - (Tack/Tear)	59.6 Warp	44.4 Fill (CFFA-14 / Method ASTM D751-07)
Blocking Resistance	1 Rating	(CFFA-4 / FTMS 191A-Method 5872)
Crocking	5 Dry	5 Wet (AATCC-Method 8-2001)

Flame Treatments

California Technical Bulletin 117	Pass	NFPA 260	Pass
UFAC Class I	Pass	IMO 2010 FTP Code-MSV 88/26/Add.2 Part 8(3.1)	Pass
BIFMA CS-191-53, Section 3	Pass	ASTM E 84 Un-Adhered : Class 1	Pass
FMVSS 302	Pass		