



SandelTM
The Fire Barrier Fabric

Sandel International Inc. • Division of Beckmann Converting, Inc.
PO Box 390 • 14 Park Drive, Amsterdam, NY 12010 • 518-842-0073 • 518-842-0282

CERTIFICATE OF ANALYSIS

UNDER MIL-C-24757 (SH) WITH MOD SPE8EH-17-P-N001

Style Name: Sandel 24504-48"
Style Number: 12734
Color: Gold

Customer Purchase Order Number: 2222 CUSTOMER X
Beckmann Converting Work Order Number: 5555 Roll Numbers: 82018-82037

Product Requirements	Specification Values		Manufacturing Values	Compliance YES /NO
	USL	LSL	Average	
Weight (oz/yd ²) - base cloth	n/a	6.6	7.3	Yes
Weight (oz/yd ²) -finished cloth	10.9	n/a	10.0	Yes
Yarns/inch - warp		38	48.0	Yes
Yarns/inch - filling		38	47.5	Yes
Breaking Strength - Warp (lbs)		180	273.0	Yes
Breaking Strength - Fill (lbs)		180	258.5	Yes
Tearing Strength-Warp (lbs)		7.86	11.32	Yes
Tearing Strength-Fill (lbs)		7.86	9.43	Yes
Flame Resistance				
Flaming Time - Warp (seconds)	2.0		.350	Yes
Flaming Time - Fill (seconds)	2.0		.350	Yes
Glow Time - Warp (seconds)	3.0		.380	Yes
Glow Time - Fill (seconds)	3.0		.370	Yes
Char Length - Warp (inches)	1		0.000	Yes
Char Length - Fill (inches)	1		0.000	Yes

	Specification Values		Manufacturing Values	Compliance
	USL	LSL	Average	YES / NO
Hydrostatic sign (leakage @ 25 psi)		0	No leak 284 psi	Yes
Air Permeability		0	Pass	Yes
Abrasion (50 cycles) - Warp		pass	Pass	Yes
Abrasion (50 cycles) - Fill		pass	Pass	Yes
Color Fast to Laundering (3 cycles)		"good"	Good	Yes
Color Fast to Light (20 hours)		"good"	Good	Yes
Crocking (Munsell Value)		8.5	9.33	Yes
Inspection: 100%			Inspect 100%	Yes
Demerit Calculation (points/100 yd ²)			4.75	Yes

Signed: *Edward Rush*
Customer Service Manager

Date: 1/27/16