

ECOFLEX®

THE SAFER, 100% GLASS FREE FR STRETCH BARRIER

1633 BURN SUMMARY			
PROTOTYPE ID# PT101	MATTRESS TYPE	KW	MJ
TEST #1	12" Mattress – 2" Visco Gel & 10" PU Foam Base	31	2.0
TEST #2	12" Mattress – 2" Visco Gel & 10" PU Foam Base	32	7.1
TEST #3	12" Mattress – 2" Visco Gel & 10" PU Foam Base	36	8.5
PROTOTYPE ID# PT102	MATTRESS TYPE	KW	MJ
TEST #1	14" Mattress – 6" Visco Gel & 8" PU Foam Base	37	5.9
TEST #2	14" Mattress – 6" Visco Gel & 8" PU Foam Base	39	5.4
TEST #3	14" Mattress – 6" Visco Gel & 8" PU Foam Base	34	5.2

	SPECIFICATION	TOLERANCE	TEST METHOD
Material Properties			
FIBER BLEND	100% Inherent FR Rayon	+/- 0%	ASTM D629-99
TOTAL COMPOSITION	90% Inherent FR Rayon 10% Elastomeric Yarns	+/- 2%	ASTM D629-99
Physical Properties			
WEIGHT THICKNESS	6.48 osy 65 mils	+/- 10% +/- 10%	ASTM D3776 ASTM D5279
Thermal Properties			
PEAK TEMPERATURE	800°F	Maximum	PCC LP-100-1
Aesthetics			
COLOR	White		
ODOR	None		
HOLES	None		
RAGGED EDGES	None		

✦ 100% GLASS-FREE FR SOLUTION AVAILABLE IN EASY-TO-APPLY CAP CONSTRUCTIONS OR OPEN-WIDTH FORMATS FOR LAMINATION

✦ STITCH-BONDED NONWOVEN CONSTRUCTION UTILIZING ELASTOMERIC LAID-IN YARN TECHNOLOGY ENGINEERED FOR EXCEPTIONAL 4-WAY STRETCH AND RECOVERY IN ROLL-PACKED MATTRESS APPLICATIONS

✦ BULKIER NONWOVEN STRUCTURE PROVIDES ENHANCED THERMAL INSULATION COMPARED TO TRADITIONAL FR KNIT BARRIERS AT SIMILAR WEIGHTS WHILE MAINTAINING EXCELLENT CFR 1633 PERFORMANCE

