

TEST METHODS IN USE AT J.B. BROADLEY

TEST METHOD	EQUIVALENT NATIONAL/ INTERNATIONAL STANDARDS
Mass/Unit Area - Substrate	BS EN 12127
- Total	BS EN ISO 2286 DIN 53352
- Coating	
Mass/Unit Area - Airbags	
Thickness (Total)	BS EN ISO 2286-3 DIN 53353
Thickness Topskin	
Width	BS EN ISO 2286-1
Cure	BS 3424 Part 22 Method 25
PVC Gelation	
Solvent Resistance Test	
Cloth Construction (sett)	BS EN 1049-2 DIN 53853
Cloth Construction (counts/denier)	BS ISO 7211-5
Breaking Load	BS EN ISO 13934-1 BS EN ISO 13934-2 BS EN ISO 1421, Methods 1 & 2 BS 6F 100/3.3 ASTM D751 §16 ASTM D5035 DIN53354 DIN 53857 SATRA PM29
Tear Strength	BS EN ISO 13937-2 BS EN ISO 13937-3 BS EN ISO 13937-4 BS EN ISO 4674-1, BS 3424 Part 5 Methods 7A,7B,7C, BS EN 1875-3 BS 6F 100/3.5 DIN 53356 DIN 53539 DIN 53853 ASTM D2263, ASTM D5735, ASTM D751 §33-36 SATRA PM30

TEST METHOD	EQUIVALENT NATIONAL/ INTERNATIONAL STANDARDS
Peel Strength (JBB 6)	BS EN ISO 2411 ASTM D751 §46-49 SATRA AM10
Extension/Tension Set	BS 3424 Part 21 Method 24
Bias binding Extensibility	
Needle Pull Out (Satra)	BS 5131 Section 3.1
Needle Pull Out (Comb strip)	DIN 54301 ASTM D 6479
Burst Strength (Mechanical)	BS EN 12331-1
Burst Strength (Lastometer)	BS 3144 Method 8
Burst Strength (S-D)	BS EN ISO 13938-2
Bending Length	BS 3356
Bending Stiffness (3-point)	BS 2782 Part 3 Method 304E (335A)
Bending Stiffness (King)	ASTM D4032
Cold Crack	BS 3424 Part 8 Method 10A
Flex Schildknecht	BS EN ISO 7854
Flex De Mattia	
Flex Crumple	
Flex Vamp (inc. low temp.)	
Bally Flex (inc wet)	BS 3144 Method 15
Flex Maeser	SATRA PM34
Scrub Testing	BS EN ISO 5981
Abrasion –Wool Worsted (A)	BS 3424 Part 24 Method 27A
Abrasion – Wool Worsted (B)	
Abrasion –Emery (180's)	
Abrasion – Fabric testing	BS EN ISO12947
Abrasion –Emery (Scuff)	

Chisel Scuff	SATRA PM140
Flame Test Vertical Strip	CAA 8
Flame Test Horizontal	ISO 3795 FMVSS 302 CAA 8
Flame Test BS 5438	BS 5438 Test 2A, 2B BS EN 532
Flame Test EN 71-2 (Toys)	BS EN 71-2 §5.4
Flame Tests - Beds	BS 6807 BS 7075
Flame Test - Chairs	BS 5852 BS EN ISO 1021

TEST METHOD	EQUIVALENT NATIONAL/ INTERNATIONAL STANDARDS
Hydrostatic Head Pass / Fail	BS 3424 Part 26 Methods 29A & 29C
Hydrostatic Head Index	BS 3424 Part 26 Methods 29A & 29C BS EN 20811/BS 2823 BS EN 1734
Spray Rating	BS 3424 Part 26 Method 29D
Permability (BS 3424/37)	BS 3424 Part 34 Method 37
Permability/Absorbancy	SATRA PM 47
Permability (PIRA)	BS 3177
Air Porosity	BS 6F 100 §3.17
Air Permeability (Textest)	ISO 9237
Blocking	BS 3424 Part 11 (including Method 13B: 1982) BS EN 25978 ISO 5978
Surface Drag	BS 3424 Part 10 Method 12B
Coefficient of Friction	BS 3424 Part 10 Method 12A ISO 8295
Stiction Test	
Hydrolysis Ageing @ 70 c	BS EN 12280-3
Cyclic ageing (Sanyo cabinet)	
Hydrolysis Ageing @ 100 c / 120 c	SATRA CM 28
Heat Ageing weight loss	BS EN 12280-1
Heat Ageing shrinkage	BS EN ISO 3759
Washing Tumble Dry	BS 3546 Parts 2 & 4 Appendix E BS EN ISO 6330
Dry Cleaning	
TEST METHOD	EQUIVALENT NATIONAL/ INTERNATIONAL STANDARDS
Colour Fastness To Rubbing	BS EN ISO 105 – X12, BS 3424 Part 14 Method 16A
Colour Fastness To Printwear	BS 3424 Part 14 Method 16B
Colour Fastness To Water (M & S)	
Colour Fastness To Water (BS)	BS EN ISO 105 – E01
Colour Fastness To Perspiration	BS EN ISO 105 – E04
Binding Thickness	
Binding Widths	
Edgewise Compressibility	BS 5131 Section 3.4
Break/Pipiness	BS 5131 Section 3.5
Specific Gravity	
Weld Strength	
Silicone Testing	
Fibrol Testing	