

Material Test Report

BP TESTS ON BENECARE COTTON CREPE BANDAGE - SUMMARY OF RESULTS DEC 2012

TEST	REQUIREMENT	SAMPLE RESULTS	COMPLIANCE
Physical appearance	Plain weave, continuous length, no joins, clean and reasonably free from weaving defects and impurities	Complies	PASS
	Warp: Repeat of: One 2-fold cotton (S twist) - One Single cotton. One 2-fold cotton (Z twist) - One Single cotton.	Complies	PASS
	2-fold cotton binding threads at cut edges	Complies	PASS
Fibre Identification	Warp: cotton	Complies	PASS
	Weft: cotton	Complies	PASS
Content of cotton	100%	100%	PASS
Tex	Warp: single cotton not finer than 59 tex	Cotton = R61.8/2	PASS
	Warp: 2-fold cotton not finer than 59 tex	Cotton = R61.8/2	PASS
	Weft: singles cotton not finer than 29 tex	Cotton = R34.9/1	PASS
Twist on 2-fold cotton yarns	Not less than 21 folding turns per cm	Mean folding twist (turns per cm) = 22.5	PASS
Elasticity	Fully-stretched length not less than twice the unstretched length. Regain length not more than two-thirds of the fully-stretched length.	un-stretched length (cm) = 5.0 fully stretched length (cm) = 13.5 regain length (cm) = 6.5	PASS
Threads per 10cm (Warp)	Single Cotton: 55 to 65 Twofold Cotton: 55 to 65	warp: cotton = 58 warp: cotton = 58	PASS
Threads per 10cm (Weft)	Cotton: 74 to 86	weft = 82	PASS
Weight per unit area	Not less than 105 gm ²	mass per unit area (gm ⁻²) = 112	PASS

TEST	REQUIREMENT	SAMPLE RESULTS	COMPLIANCE
Ether soluble substances	Sum not > 1.0%	0.31%	PASS
Water soluble substances		0.44%	
Labelling	If dyed, label to state colour of final bandage	Bandage not dyed	PASS

Test Undertaken By:



Unit 12, Westpoint Enterprise Park
 Clarence Avenue, Trafford Park
 Manchester M17 1QS
 United Kingdom
 Tel: +44 (0)161 869 1610
 Fax: +44 (0)161 872 6492
 E-mail: info@shirleytech.co.uk
 Web: www.shirleytech.co.uk

BENECARE MEDICAL

