



AKT-300 KEVLAR LINED GLOVE TEST RESULTS FROM CTT



ANALYSIS REPORT
SCC Accreditation No.: 403

Date: May 11, 2015
Report: 2535-009-81166B

PSP

IDENTIFICATION: Gloves: Kevlar Power of Performance

STANDARD:

TEST: Glove Finger Dexterity BS EN 420:2003*1, Section 6.2

TEST CONDITIONS: *1Incorporates Corrigendum no. 1.
Sample conditioned (21°C, 65% R.H.);
Product tested as received.
Table 4 — Level of performance according to the smallest diameter of pin (mm) fulfilling test conditions:
• Level 1 = 11 mm;
• Level 2 = 9,5 mm;
• Level 3 = 8 mm;
• Level 4 = 6,5 mm;
• Level 5 = 5 mm.
Size of gloves tested: Small & Medium
Date tested: May 5, 2015

RESULTS:	Individual Data			
Smallest sized pin picked up (mm):	5	5	5	5
Smallest sized pin picked up (mm) - Final result:	5			
Level of dexterity:	5	5	5	5
Level of dexterity - Final result:	5			

STANDARD:

TEST: Puncture Resistance EN 388:2003, par. 6.4

TEST CONDITIONS: Sample conditioned (21 ± 2°C, 65 ± 2% R.H.);
Apparatus used : dynamometer with a constant-rate-of-extension principle (CRE).
Date tested: May 11, 2015

RESULTS:	Individual Data			
Specimen's maximum load (N):	85.91	93.91	82.01	89.61
Specimen's level:	2	2	2	2
Sample's level:	2			

REQUIREMENTS: Performance Level as per Table 1:
The classification is determined by the lowest of the 4 values obtained.
Level 1 : 20 N
Level 2 : 60 N
Level 3 : 100 N
Level 4 : 150 N



AKT-300 KEVLAR LINED GLOVE TEST RESULTS FROM CTT

TEST: Blade Cut Resistance EN 388:2003, par. 6.2

TEST CONDITIONS: Sample conditioned ($23 \pm 2^\circ\text{C}$, $50 \pm 5\%$ R.H.).
Number of specimen(s) tested: 2
Date tested: May 8, 2015

RESULTS:	Individual Data					Avg.	S.D.	% CV
Specimen's Cut Resistance Index:	1.6	1.6	1.8	1.8	1.9	1.9	0.2	9.8
	2.0	2.0	2.0	2.1	2.1			
Specimen's level:	1	1	1	1	1			
	1	1	1	1	1			
Sample's Cut Resistance Index:	1.9							
Sample's level:	1							

REQUIREMENTS: Performance Level as per Table 1:
The performance level is defined as the lowest of the two calculated index values.
Level 1 : 1.2
Level 2 : 2.5
Level 3 : 5.0
Level 4 : 10.0
Level 5 : 20.0