

ATG Lanka (Private) Limited
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Phase 2, IPZ
Katunayake
Sri Lanka

For the attention of: Sisira Kumara

Technical Report

Subject: EN 388: 2003 TEST RESULTS OF GLOVE REFERENCED "MaxiCut Dry"
Your Ref: Email dated 24/4/2009
Our Ref: SPC0174207/0917
Date: 27th April, 2009

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Report signed by: P J Doughty
Position: PPE Technologist
Department: Safety Products Centre

WORK REQUESTED:

On 24th April 2009, we were asked to amalgamate 3 test reports as referenced below for glove referenced “MaxiCut Dry”

Test Report	Standard EN388:2003
SPC0173719/0915	6.1 Abrasion Resistance
63139/0537/SPC-0/PJD/JP	6.2 Blade Cut Resistance
62217/0533/SPC-0/2/PJD/BT	6.3 Tear Resistance 6.4 Puncture Resistance

CONCLUSIONS:

Test / Property	Results Achieved
EN 388: 2003 6.1 Abrasion resistance	Level 4
EN 388: 2003 6.2 Blade cut resistance	Level 3, see Note 1
EN 388: 2003 6.3 Tear resistance	Level 3, see Note 1
EN 388: 2003 6.4 Puncture resistance	Level 1, see Note 1

Note 1:

At the time of testing, the glove was referenced as “Zormax Foam” coded 34-570, but it is now known as “MaxiCut Dry” coded 34-450

TESTING:

Testing was carried out in accordance with EN 388: 2003 on:

Property	SATRA Report Reference	Report Date
EN 388: 2003 6.1 Abrasion resistance	SPC0173719/0915	8 th April, 2009
EN 388: 2003 6.2 Blade cut resistance	63139/0537/SPC-0/PJD/JP	15 th September, 2005
EN 388: 2003 6.3 Tear resistance	62217/0533/SPC-0/2/PJD/BT	26 th August, 2005
EN 388: 2003 6.4 Puncture resistance	62217/0533/SPC-0/2/PJD/BT	26 th August, 2005

RESULTS:

EN 388: 2003 Requirements

Performance Level	1	2	3	4	5
6.1 Abrasion resistance (cycles to failure)	100	500	2000	8000	N/A
6.2 Blade cut resistance (minimum cut resistance index)	1.2	2.5	5.0	10	20
6.3 Tear resistance (lowest peak force – newtons)	10	25	50	75	N/A
6.4 Puncture resistance (lowest peak force – newtons)	20	60	100	150	N/A

EN 388: 2003 Results

Test/property	Test results	Level achieved
EN 388: 2003 6.1 Abrasion resistance	Failure between (cycles) 1) >8000 2) >8000 3) >8000 4) >8000 <i>Saint-Gobain A700 Abrasive paper used</i>	Level 4
EN 388: 2003 6.2 Blade cut resistance	Cut index: Left: 5.61, 9.85, 7.48, 8.59, 22.34: Mean = 10.77 Right: 2.53, 3.87, 4.57, 8.63, 5.57: Mean = 5.04 <i>Deviation: Nominal width of blade is 0.3mm</i>	Level 3
EN 388: 2003 6.3 Tear resistance	Max. tearing force (N) 1) 56.3 2) 64.7 3) 51.7 4) 57.7	Level 3
EN 388: 2003 6.4 Puncture resistance	Max. puncture force (N) 1) 42.5 2) 48.9 3) 39.6 4) 42.1	Level 1

***** END OF TEST REPORT *****

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