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63 WO YI HOP ROAD, KWAI CHUNG,  
NEW TERRITORIES, HONG KONG  
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25 May 2022

APPLICANT: SBW CO. , LTD (C38840)

3F, 29, GIMHAE-DAERO 1902 BEON-GIL,  
GIMHAE-SI,  
GYEONGSANGNAM-DO,  
50884 .  
SOUTH KOREA

Date of receipt : 16 May 2022  
Testing period : 17 May 2022  
: 25 May 2022

**Buyer:** ---

Reference no. : TERACUT cut Resistance fabric (KMT-001, KM-28B, KM-40B, KMP-100)

Test(s) requested : ISO 13997 Cut test

Service : REGULAR

Brand / Section : ---

Season : ---

End use : ---

Factory name : ---

Factory code : ---

Environmental condition: 22°C, 65%RH

Previous report : ---

Product category : ---

Product type : ---

Test stage : FIRST TEST

Supplier name : ---

Exported to : ---

## 1. Conclusion:

	Tests description	Conformity
	<b>EN 388:2016+A1:2018</b>	
1	(+) Cutting resistance TDM	<b>Level F</b>

Pass: requirements met    Fail: requirements not met    None: no requirement for this test    N/A: not applicable

(+) HOKLAS accredited activity

Approved by



John CHEUNG FAI CHEONG  
Laboratory Supervisor

25 May 2022

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**2. Sample(s) description assigned by laboratory:**

<u>Size</u>	<u>Analyzed product</u>	<u>Description</u>	<u>Sample information</u>
	3 PIECES OF RAW MATERIAL	Raw Material: UHMWPE (Ultra High Molecular Weight Polyethylene)/Polyester/Stainless steel/Glass fiber, Surface mass: 330g/m <sup>2</sup> , Gauge knit: 13G/inch	Grey/White



H220500698



H220500698C

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To declare the conformity to the requirement, our laboratory used the decision rule of non-Binary statement with guard band. (see Appendix 1)

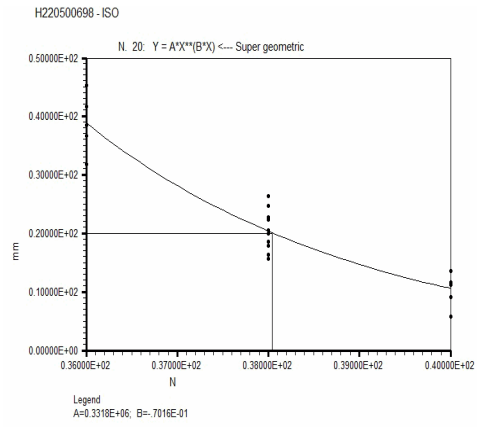
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### 3. 3 PIECES OF RAW MATERIAL/

Raw Material: UHMWPE (Ultra High Molecular Weight Polyethylene)/Polyester/Stainless steel/Glass fiber,  
 Surfacic mass: 330g/m<sup>2</sup>, Gauge knit: 13G/inch : Grey/White

	Method	Client Requirement	Unit	Result	Conformity
(+) <b>4.1. Cutting resistance TDM</b>	EN ISO 13997:1999			Lot 16317	
used consumables - blade					
Coefficient of variation			%	4.8	
Adjusted factor for blade with neoprene				0.96	
Mean cut length on neoprene for a load of 5.0 N			mm	20.3	
Normalized cutting stroke lengths			mm	20.6	
Normalized cutting stroke lengths (2)			mm	16.3	
Normalized cutting stroke lengths (3)			mm	26.4	
Normalized cutting stroke lengths (4)			mm	15.7	
Normalized cutting stroke lengths (5)			mm	24.7	
Mean normalized cutting stroke length			mm	20.7	
Cut load adjusted for a cut length of 20 mm			N	38.0	
Level Performance				Level F	



**END OF TEST REPORT**  
 (+) HOKLAS accredited activity

## Performance level 0 means the glove falls below the minimum performance level for the given individual hazard

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**Levels of performance for materials tested with EN ISO 13997**

	Level A	Level B	Level C	Level D	Level E	Level F
<b>6.3 TDM: cut resistance (N)</b>	2	5	10	15	22	30

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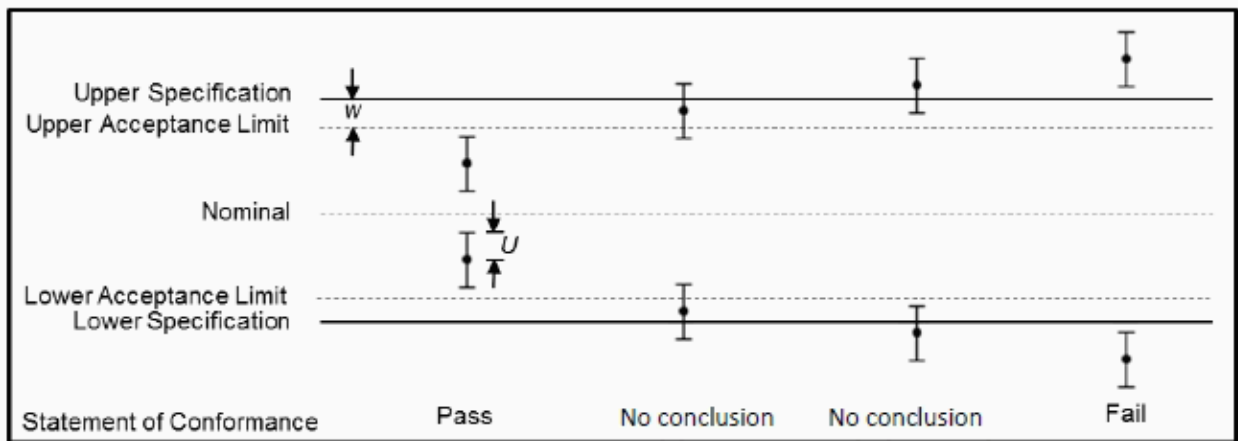
Appendix 1: Decision rule of CTC ASIA

For reports endorsed with HOKLAS accreditation symbol, when declaring the compliance to the specification, our laboratory will use the decision rule of non-Binary statement with guard band as below.

Statements of conformity are reported as:

- Pass - the measured result is below the acceptance limit,  $AL = TL - w$ .
- No conclusion - the measured result is inside the guard band and below the tolerance limit, in the interval  $[TL - w, TL]$ .
- No conclusion - the measured result is above the tolerance limit but below the tolerance limit added to the guard band, in the interval  $[TL, TL + w]$ .
- Fail - the measured result is above the tolerance limit added to the guard band,  $TL + w$ .

Note:  $AL$  = Acceptance Limit;  $TL$  = Tolerance/specification Limit; Guard band,  $w = U$



$U = 95\%$  expanded measurement uncertainty