

TEST REPORT

Report No.: H220300332_1

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RM 1801-02 & RM 2010,
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19 April 2022

APPLICANT: MECHANIX WEAR LLC (C41729)

28525 WITHERSPOON PARKWAY VALENCIA,
CA 91355
.
UNITED STATES

Date of receipt : 17 Mar. 2022
Testing period : 17 Mar. 2022
: 12 Apr. 2022

Buyer: ---

Reference no. : NSMG-08 NeedleStick
Style / Article no. : 3826
Test(s) requested : Hypodermic needle puncture test
Service : REGULAR
Brand / Section : ---
Season : ---
End use : ---
Factory name : ---
Factory code : ---

Previous report : ---
Product category : ---
Product type : ---
Test stage : FIRST TEST
Supplier name : ---
Exported to : ---

1. Conclusion:

	<u>Tests description</u>	<u>Conformity</u>
1	• Protective clothing material resistance to hypodermic needle puncture	Level NA

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

- The test was carried out by external accredited laboratory, not within their accreditation scope.

Approved by



John CHEUNG FAI CHEONG
Laboratory Supervisor

19 April 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>
	20 PAIRS OF GLOVES	Palm, Material: PU/Polyester, Thickness: 0.8mm + Kelvar/ Polyester/ Cotton layer + Polyester layer	Black/Beige



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H220300332A



H220300332B



H220300332C

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3. 20 PAIRS OF GLOVES/

Palm, Material: PU/Polyester, Thickness: 0.8mm + Kelvar/ Polyester/ Cotton layer + Polyester layer :
Black/Beige

	Method	Client Requirement	Unit	Result	Conformity
<ul style="list-style-type: none"> ● Protective clothing material resistance to hypodermic needle puncture 	CTC in house				
Tested material					
Thickness			mm	1.65	
Thickness (2)			mm	1.67	
Thickness (3)			mm	1.68	
Thickness (4)			mm	1.65	
Thickness (5)			mm	1.63	
Thickness (6)			mm	1.62	
Thickness (7)			mm	1.62	
Thickness (8)			mm	1.61	
Thickness (9)			mm	1.66	
Thickness (10)			mm	1.65	
Thickness (11)			mm	1.64	
Thickness (12)			mm	1.63	
Average thickness			mm	1.64	
Used gauge				25 G – 25.4 mm	
Manufacturer				BD Microlance 3	
Batch number					
Maximum puncture force			N	4.87	
Maximum puncture force (2)			N	5.67	
Maximum puncture force (3)			N	5.68	
Maximum puncture force (4)			N	6.05	
Maximum puncture force (5)			N	3.99	
Maximum puncture force (6)			N	4.60	
Maximum puncture force (7)			N	4.59	
Maximum puncture force (8)			N	5.62	
Maximum puncture force (9)			N	4.85	
Maximum puncture force (10)			N	6.37	
Maximum puncture force (11)			N	3.40	

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	Method	Client Requirement	Unit	Result	Conformity
Maximum puncture force (12)			N	5.33	
Average maximum force			N	5.09	
Maximum force – Standard deviation				0.87	
Level				NA	

END OF TEST REPORT

- : The test was carried out by external accredited laboratory, not within their accreditation scope.