



REPORT NUMBER: 08342-20
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Applicant : American Safety Power Tools Pvt Ltd
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Fax: /
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Manufacturer : American Safety Power Tools Pvt Ltd
Buyer : /
Agent : /
Size : /
Fabric : /
Fabric Weight : /
Content : /
Construction : /
Color : /
Country of Origin : /
Sample Description : Coverall
End Use : /
Test Standard : EN 13034:2005+A1:2009

Signed on the behalf of:
Tti Testing Laboratories

Ali Ashraf
General Manager Operations

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Conclusion:

Sr.#	TEST CONDUCTED	Classifications
1.	Abrasion Resistance	1
2.	Tear Resistance - Trapezoid	3
3.	Tensile Strength	2
4.	Puncture Resistance	2
5.	Resistance to Repellency by Liquids	3
6.	Resistance to penetration by Liquids	3
7.	Seam Strength	1

Image of submitted sample



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Test Results:

BS EN 13034:2005+A1:2009 Protective clothing against chemicals

Chemical protective clothing offering limited protective performance against liquid chemicals (Type 6)

Section 4: Performance requirements for protective clothing materials, seams, joins and assemblages.

BS EN 14325:2018 Protective clothing against Chemicals

1. Abrasion Resistance:

Performance & Classification EN 14325:2018 § 4.4

Test Method: EN ISO 12947-2

Specimen Load: 9kPa

No. of Rubs : >10

Class : 1

Class	Number of Rubs
6	>2000
5	>1000
4	>400
3	>100
2	>40
1	>10

2. Tear Resistance - Trapezoid:

Performance & Classification EN 14325:2018 § 4.7

Test Method: EN ISO 9073-4

Direction A : 84.0 N

Direction B : 46.0 N

Class : 3

Class	Trapezoidal Tear
6	>150 N
5	>100 N
4	>60 N
3	>40 N
2	>20 N
1	>10 N

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3. Tensile Strength:

Performance & Classification EN 14325:2018 § 4.9
Test Method: EN ISO 13934-1

Direction A : 144.0 N
Direction B : 79.00 N
Class : 2

Class	Tensile Strength
6	>1000 N
5	>500 N
4	>250 N
3	>100 N
2	>60 N
1	>30 N

4. Puncture Resistance:

Performance & Classification EN 14325:2018 § 4.10
Test Method: EN 863

Force : 10.5 N
Class : 2

Class	Puncture Resistance
6	>250 N
5	>150 N
4	>100 N
3	>50 N
2	>10 N
1	>5 N

5. Resistance to Repellency by Liquids:

Performance & Classification EN 14325:2018 § 4.12
Test Method: EN ISO 6530

Chemical	Repellency %	Class
NaOH (40%)	98.8	3
Xylene	98.7	3
HCL	98.5	3
H ₂ SO ₄ (30%)	98.7	3

The test results pertain to the sample(s) provided by the customer. Terms and conditions printed overleaf. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. This test report may not be reproduced, except in full, without written approval of Textile Testing International.

Textile Testing International

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Tel: (92-42) 111 766 001, Fax: (92-42) 3515 4555, URL: www.ttilabs.net

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Performance Class	Repellency Index
Unclassified	<70%
Class 1	>70%
Class 2	>80%
Class 3	>90%

6. Resistance to penetration by Liquids:

Performance & Classification EN 14325:2018 § 4.13

Test Method: EN ISO 6530

Chemical	Penetration %	Class
NaOH (40%)	0.73	3
Xylene	0.85	3
HCL	0.82	3
H ₂ SO ₄ (30%)	0.90	3

Performance Class	Penetration Index
Unclassified	>10%
Class 1	<10%
Class 2	<5%
Class 3	<1%

7. Seam Strength:

Performance & Classification EN 13034:2005+A1:2009 § 5.5

Test Method: EN ISO 13935-2

(After Liquid Repellency)

(Side Seam)

Seam 1	:	41 N	Specimen Break Down
Seam 2	:	42 N	Specimen Break Down
Seam 3	:	41 N	Specimen Break Down
Average	:	41 N	
Class	:	1	

Class	Seam Strength
6	>500 N
5	>300 N
4	>125 N
3	>75 N
2	>50 N
1	>30 N

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