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TEST REPORT



中国认可
国际互认
检测
TESTING
CNAS L0220

Number: GZHT91249925(S1)

Date: May 21, 2024
THIS IS TO SUPERSEDE REPORT
NO. GZHT91249925 DATED APR
15, 2024

Applicant: CORTINA N.V.
MEERSBLOEM-MELDEN 42,
9700 OUDENAARDE,BELGIUM

Attn: REBECCA/JENNY

Sample Description:

Thirteen (13) pairs of submitted samples said to be 18 Gauges ADAMAS, Recycled Nylon, Spandex Knitted
Gloves, Palm Coated Nitrile, Foam Surface.

Standard	:	ANSI/ISEA 105-2016
Colors	:	Black/Grey
Size	:	11
Style No./Name	:	ECO PROCUT
Buyer's Name	:	SAFETY JOGGER
Manufacturer	:	CORTINA
Palm	:	Adamas & spandex & recycled nylon with nitrile
Back	:	Adamas & spandex & recycled nylon
Cuff	:	Adamas & spandex & recycled nylon with elastic
Cuff Binding	:	Polyester
Country Of Origin	:	CHINA
Goods Exported To	:	E.U. & U.S.
Date Received/Date Test Started	:	Mar 29, 2024
Date Final Information Confirmed/	:	May 21, 2024/--
Date Payment Received:	:	

Test Result Please Refer To Attached Page(S).

Should you have any query on this report, you may contact at gzfootwear@intertek.com

Authorized By:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch

Guiliang Dong
Senior Lab Manager



MI / lydiayang

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检验检测专用章

SHENZHEN
GUANGZHOU BRANCH
(6)



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Tests Conducted (As Requested By The Applicant)



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Number: GZHT91249925(S1)

1 Cut Resistance (ANSI/ISEA 105-2016, 5.1.1 & ASTM F2992-15)

Test Condition:

Test Area: Glove Palm (No Pretreatment)

Blade Sharpness Correction Factor: 0.89

Coefficient Of Variation: 4.1%

Sample	Specimen	Rating Force (*)
-	1	1807 Grams
	2	1595 Grams
	3	1630 Grams
	Average	1677 Grams
	Classification Level (#)	A4

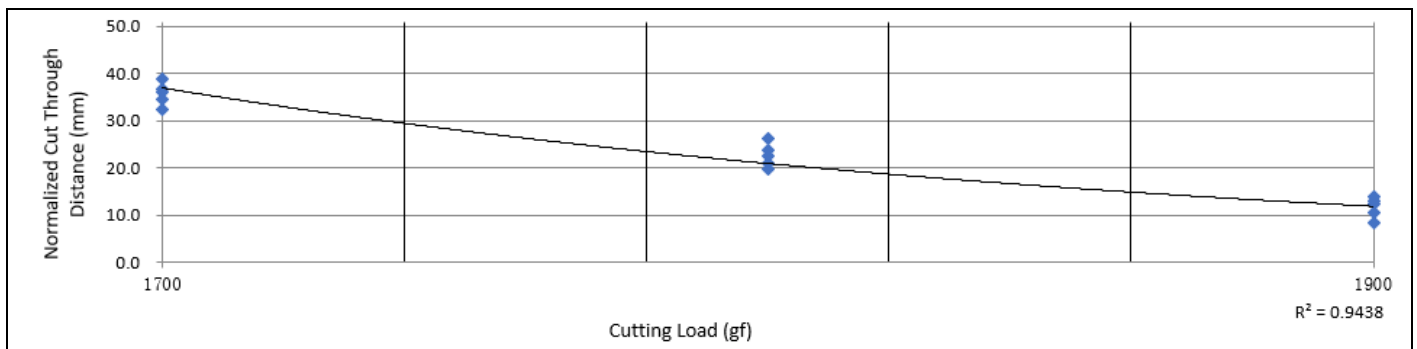


Cut Resistance (ANSI/ISEA 105-2016, 5.1.1 & ASTM F2992-15) (Cont)

Detailed Results Of Specimen 1

	Load (gf)	Cut Through Distance (mm)	Normalized Cut Through Distance (mm)
1	1900	11.9	10.6
2	1900	14.5	12.9
3	1900	9.5	8.4
4	1900	13.8	12.3
5	1900	15.8	14.0
6	1800	23.8	21.2
7	1800	26.9	23.9
8	1800	25.2	22.4
9	1800	29.5	26.2
10	1800	22.1	19.6
11	1700	38.9	34.6
12	1700	36.4	32.4
13	1700	40.5	36.0
14	1700	41.3	36.7
15	1700	43.6	38.8

Graph Of Load vs. Cut Through Distance

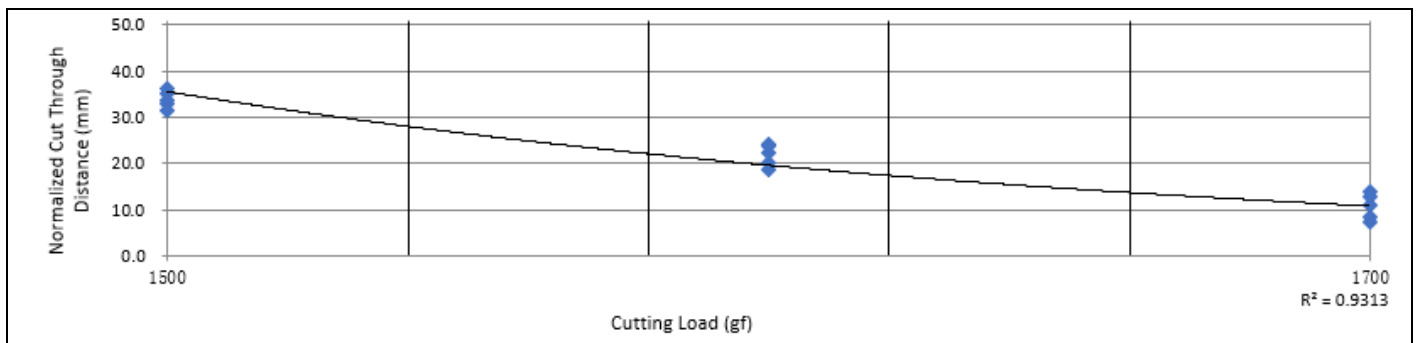


Cut Resistance (ANSI/ISEA 105-2016, 5.1.1 & ASTM F2992-15) (Cont)

Detailed Results Of Specimen 2

	Load (gf)	Cut Through Distance (mm)	Normalized Cut Through Distance (mm)
1	1700	8.1	7.2
2	1700	12.3	10.9
3	1700	15.5	13.8
4	1700	9.3	8.3
5	1700	14.4	12.8
6	1600	22.7	20.2
7	1600	20.8	18.5
8	1600	25.2	22.4
9	1600	26.9	23.9
10	1600	27.1	24.1
11	1500	37.0	32.9
12	1500	37.9	33.7
13	1500	35.4	31.5
14	1500	39.3	34.9
15	1500	40.8	36.3

Graph Of Load vs. Cut Through Distance

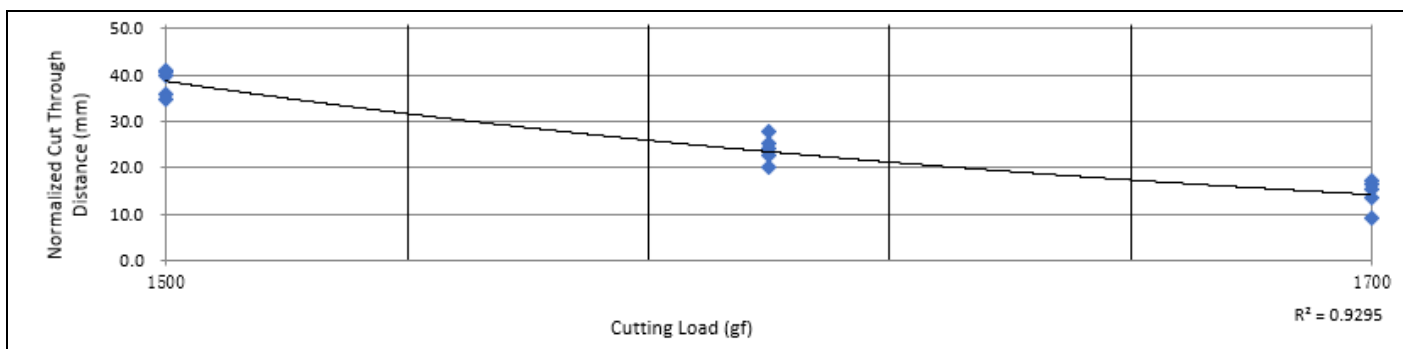


Cut Resistance (ANSI/ISEA 105-2016, 5.1.1 & ASTM F2992-15) (Cont)

Detailed Results Of Specimen 3

	Load (gf)	Cut Through Distance (mm)	Normalized Cut Through Distance (mm)
1	1700	18.7	16.6
2	1700	19.5	17.3
3	1700	17.5	15.6
4	1700	15.4	13.7
5	1700	10.3	9.2
6	1600	31.2	27.7
7	1600	28.3	25.2
8	1600	27.2	24.2
9	1600	22.6	20.1
10	1600	25.4	22.6
11	1500	44.9	39.9
12	1500	45.8	40.7
13	1500	46.2	41.1
14	1500	40.3	35.8
15	1500	39.1	34.8

Graph Of Load vs. Cut Through Distance



Remark: * = In Cut Resistance Testing, The Load Required To Cause A Cutting Edge To Produce A Cut Through When It Traverses The Reference Distance (20 mm In This Test) Across The Material Being Tested.
= Classification Level For Cut Resistance (ANSI-ISEA 105-2016) Is Based On The Average Force Of A Minimum Of 3 Specimens.



Cut Resistance (ANSI/ISEA 105-2016, 5.1.1 & ASTM F2992-15) (Cont)

Classification For Cut Resistance (ANSI/ISEA 105-2016)	
Level	Weight (Gram) Needed To Cut Through Material With 20 mm Of Blade Travel
A1	≥ 200
A2	≥ 500
A3	≥ 1000
A4	≥ 1500
A5	≥ 2200
A6	≥ 3000
A7	≥ 4000
A8	≥ 5000
A9	≥ 6000





- 2 Abrasion Resistance (ANSI/ISEA 105-2016, 5.1.4, Abrasion Wheels: H-18, Load: 500 Gram Load For Level 0 To 3, 1000 Gram Load For Level 4 To 6)

Sample	Test Method		ASTM D3389-10	
	Specimen	Test Load (gram)	Abrasion Cycles To Fail	
-	Specimen 1	500	> 1100	
	Specimen 2	500	> 1100	
	Specimen 3	500	> 1100	
	Specimen 4	500	> 1100	
	Specimen 5	500	> 1100	
	Average		> 1100	
	Specimen 6	1000	11000	
	Specimen 7	1000	15000	
	Specimen 8	1000	16000	
	Specimen 9	1000	13000	
	Specimen 10	1000	19000	
	Average		14800	
	Classification Level (#)			5

Remark: # = The Average Of 5 Specimens Is Used To Report The Classification Level.

Classification For Abrasion Resistance (ANSI/ISEA 105-2016)	
Level (Test At 500 g Load)	Abrasion Cycles To Fail
0	< 100
1	≥ 100
2	≥ 500
3	≥ 1000
Level (Test At 1000 g Load)	
4	≥ 3000
5	≥ 10000
6	≥ 20000



3 Puncture Resistance (ANSI/ISEA 105-2016, 5.1.2 & EN 388:2016+A1:2018, 6.4)

Sample	(Specimen)	Puncture Force
-	1	147 N
	2	182 N
	3	198 N
	4	175 N
	5	208 N
	6	189 N
	7	178 N
	8	149 N
	9	153 N
	10	169 N
	11	166 N
	12	168 N
Average Of 12 Specimens		174 N
Classification Level (*)		5

Remark: * = The Classification Is Determined By The Average Of 12 Specimens.

Classification For Puncture Resistance (ANSI-ISEA 105-2016)	
Level	Puncture (Newton)
0	< 10
1	≥ 10
2	≥ 20
3	≥ 60
4	≥ 100
5	≥ 150



End Of Report

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Remark:

1. As Requested by the Applicant, For Details Refer to Attached Page (5).
2. All the tested item are tested under the standard condition.
3. The report is valid with commission test only for the test samples in the case of delivering samples by clients.



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To : CORTINA N.V.
Attention : REBECCA/JENNY

Date : May 21, 2024

Re : Report Revision Notification

Labtest Report Number GZHT91249925 date APR 15, 2024

Please be informed that all the content recorded in the above captioned report will be void. This captioned report is now superseded by a revised Labtest Report, Number GZHT91249925(S1) , issued on May 21, 2024 .

Thank you for your attention

Authorized By:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch

Guiliang Dong
Senior Lab Manager

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