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TEST REPORT



中国认可
国际互认
检测
TESTING
CNAS L0220

Number: GZHT91132131

Date: Jul 26, 2022

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

Attn: REBECCA/JENNY

Sample Description:

Thirteen (13) pairs of submitted samples said to be 15 Gauges Seamless Nylon Knitted Gloves, Palm Coated Nitrile, Foam Surface with Nitrile Dots in Black/Grey.

Standard	:	ANSI/ISEA 105-2016
Ref. No.	:	ALLFLEXDOT
Colors	:	Black/Grey
Size Range	:	12
Buyer's Name	:	SAFETY JOGGER
Manufacturer	:	CORTINA
Palm	:	Grey Knitted Fabric Nylon with Nitrile & Nitrile Dots
Back	:	Grey Knitted Fabric Nylon
Cuff	:	Grey Knitted Fabric Nylon with Elastic
Cuff Binding	:	Green Polyester
Country Of Origin	:	CHINA
Goods Exported To	:	E.U./U.S.
Date Received/Date Test Started	:	Jul. 20, 2022
Date Final Information Confirmed/	:	--/--
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



BF / karrieliu

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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	228 Grams
	2	227 Grams
	3	217 Grams
	Average	224 Grams
	Classification Level (#)	A1

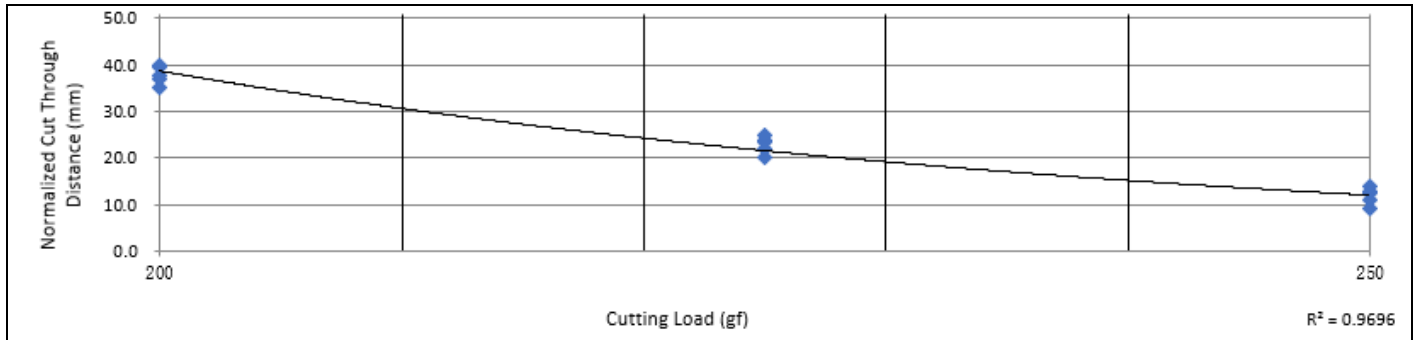
Detailed Results Of Specimen 1

	Load (gf)	Cut Through Distance (mm)	Normalized Cut Through Distance (mm)
1	250	14.6	13.0
2	250	15.5	13.8
3	250	14.0	12.4
4	250	10.2	9.1
5	250	12.3	10.9
6	225	26.7	23.7
7	225	26.5	23.6
8	225	22.5	20.0
9	225	24.6	21.9
10	225	27.9	24.8
11	200	44.3	39.4
12	200	44.8	39.8
13	200	39.4	35.0
14	200	41.4	36.8
15	200	42.3	37.6



Cut Resistance (Cont)

Graph Of Load vs. Cut Through Distance



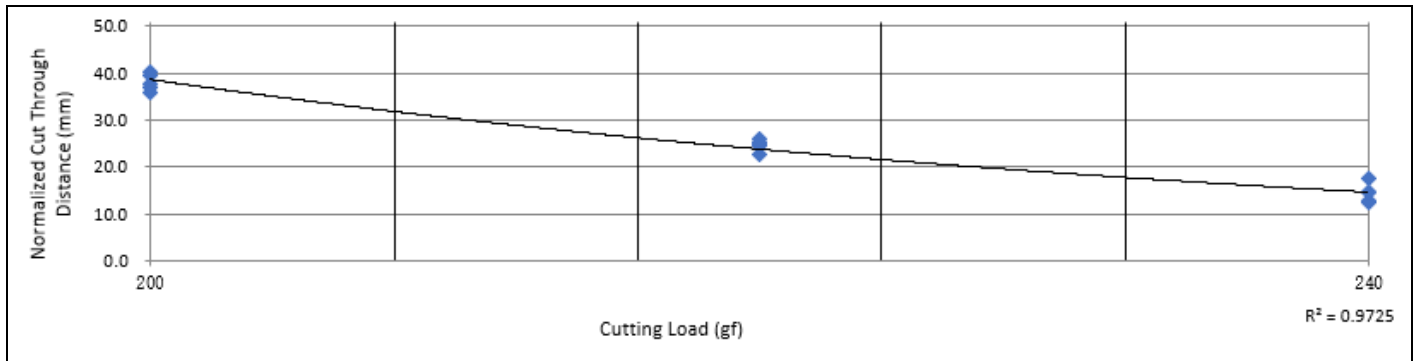
Detailed Results Of Specimen 2

	Load (gf)	Cut Through Distance (mm)	Normalized Cut Through Distance (mm)
1	240	14.1	12.5
2	240	14.6	13.0
3	240	19.8	17.6
4	240	16.5	14.7
5	240	16.6	14.8
6	220	27.8	24.7
7	220	25.4	22.6
8	220	27.6	24.5
9	220	28.5	25.3
10	220	29.2	26.0
11	200	41.7	37.1
12	200	42.4	37.7
13	200	45.2	40.2
14	200	44.4	39.5
15	200	40.3	35.8



Cut Resistance (Cont)

Graph Of Load vs. Cut Through Distance



Detailed Results Of Specimen 3

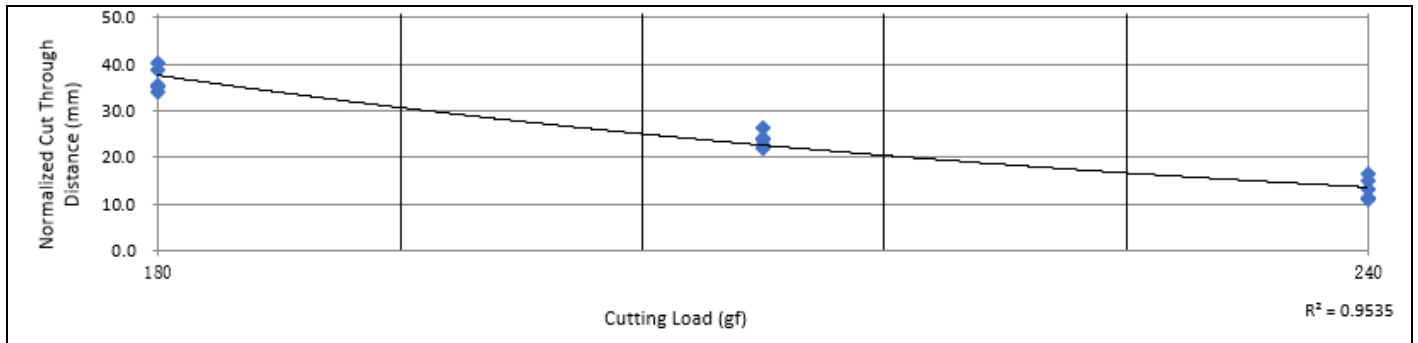
	Load (gf)	Cut Through Distance (mm)	Normalized Cut Through Distance (mm)
1	240	12.7	11.3
2	240	17.0	15.1
3	240	12.5	11.1
4	240	14.9	13.2
5	240	18.5	16.4
6	210	29.6	26.3
7	210	24.9	22.1
8	210	26.8	23.8
9	210	25.6	22.8
10	210	27.1	24.1
11	180	43.5	38.7
12	180	45.1	40.1
13	180	40.1	35.6
14	180	38.4	34.1
15	180	39.6	35.2





Cut Resistance (Cont)

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.

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, 1 000 Gram Load For Level 4 To 6)

Sample	Test Method	ASTM D3389-10	
-	Specimen	Abrasion Cycles To Fail	
		Test Load (gram)	
	Specimen 1	500	
	Specimen 2	500	
	Specimen 3	500	
	Specimen 4	500	
	Specimen 5	500	
	The Average Of 5 Specimens		> 1100
	Specimen 6	1 000	1400
	Specimen 7	1 000	1800
	Specimen 8	1 000	1800
	Specimen 9	1 000	1800
	Specimen 10	1 000	1200
	The Average Of 5 Specimens		1600
	Classification Level (#)		3

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	≥ 1 000
Level (Test At 1 000 g Load)	
4	≥ 3 000
5	≥ 10 000
6	≥ 20 000





3 Puncture Resistance (ANSI/ISEA 105-2016, 5.1.2 & EN 388: 2003, 6.4)

Sample	Specimen	Puncture Force
-	1	56 N
	2	60 N
	3	61 N
	4	64 N
	5	57 N
	6	51 N
	7	48 N
	8	55 N
	9	48 N
	10	40 N
	11	52 N
	12	42 N
Average Of 12 Specimens		53 N
Classification Level (*)		2

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 (S).
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.

