E3. Declaration of Conformity

Declaration of Conformity to ANSI/ISEA 107-2020, High-Visibility Safety Apparel

Certificate No. O44122-2020						
Supplier name and address: Tingley R	•					
	Washington Ave., Suite 403					
	ray, NJ 08854					
Product information (name, model nun Eclipse Overall, Fluorescent Yellow-Gr	nber, part number or other information as applicable): reen					
Model Number: O44122						
compliant high-visibility safety item for l documents referenced under this certifi	luct meets all set requirements as stated in ANSI/ISEA 107-2020 as a Performance ClassE; All relevant materials have been tested with cate number. This item meets all design requirements and has been sible reflective material and background materials for the smallest size					
1. VISIBLE BACKGROUND MATERI	AL:					
Amount of visible background ma	terial (smallest size offered): >0.30m² (465 in.²)					
Please list each material that contributes Use separate sheet for addition material Material 1 Identification	s towards the amount VISIBLE BACKGROUND MATERIAL listed above. s.					
Test Lab: Intertek	Material Type: ☐ Knitted ☐ Woven X Other: Non-Woven					
Report #: GZHT91073834	Material Content (such as Polyester, Modacrylic, and others): PVC coated non-woven Nomex					
Date: 11/11/2021	Weight: 11.3 oz Color: Fl. Yellow-Green					
Description: Exterior coated Specialty	/ FR PVC on non-woven Nomex					
Material 2 Identification						
Test Lab:	Material Type: □Knitted □ Woven □ Other: ————————————————————————————————————					
Report #:	Material Content (such as Polyester, Modacrylic, and others):					
Date:	Weight: Color:					
Description:						
Material 3 Identification						
Test Lab:	Material Type: □Knitted □ Woven □ Other: ———					
Report #:	Material Content (such as Polyester, Modacrylic, and others):					
Date:	Weight: Color:					
Description:						

Declaration of Conformity (page 2 of 2)

2.	VISIBLE RETROREFLECTIVE MATE	ERIAL	
• A	mount of visible retroreflective material	(smallest size offered)	<u>0.07m² (109 in.²)</u>
Ple	ase list each type of material that contr	ibutes towards VISIBLE	RETROREFLECTIVE MATERIAL listed above
Ma	terial 1 Identification		
	Test Lab: Intertek		
	Report #: GZHT91084575		
	Date: 12/22/2021	Style #: VF621A	
	Description: 50mm wide FR heat seal s	silver reflective trim	
Ma	terial 2 Identification		
	Test Lab:		
	Report #:		
	Date:	Style #:	
	Description:		
*Us	se separate sheet for additional materia	ls	
3.	OVERALL LUMINANCE		
	Check here if test report for option	al Overall Luminance te	sting is attached.
The	e undersigned hereby warrants that he/	she is authorized to leg	ally bind the company identified above.
Sig	ned: Myhan BOWS	<u>UR</u> _Ti	itle: Product Manager
Prin	nt Name: Meghan Bowser	ח	_{ate:} 8/17/22



Certificate of Test

Issued To: TRC NANJING REPRESENTATIVE Our Reference No.: GZHT9107383402

OFFICE

ROOM 1809,#3 BUILDING Certificate Issue Date: Nov 11, 2021

DEYING INT'L PLAZA,#222 CHANGHONG **ROAD**

YUHUATAI DISTRICT, NANJING 210012

Attn: ANNE WANG

Description: One (1) piece of submitted sample said to be Hi-Vis Yellow FR PVC on Nomex.

We Hereby Declare That The Sample Described Above Has Been Tested By Intertek Testing Services Shenzhen Ltd. Guangzhou Branch And Meets The Requirements Of The Following Selected Tests Of ANSI/ISEA 107-2020.

Color Performance Of Background And Combined-performance Materials Colorfastness To Crocking Of Background Material Color Fastness To Perspiration Of Background Material Colorfastness To Mater Of Background Material Waterproof Protection
Color Fastness To Laundry Of Background Material
Dimension Change Of Background Material
Bursting Strength

The test results are given in our report No.: GZHT91073834 Dated: Nov 1 Dated: Nov 11, 2021

Note:

This Declaration Applies To The Particular Sample Tested And To The Specific Tests Carried Out As Dated And Detailed In The Report(S) Referenced Above.

This Certificate Is Valid Only For The Applicant's Selected Test Items And Must Not Be Used Without The Attached Test Report. 2

This Certificate Must Not Be Confused Neither With The EU Type Examination Certificate Released By Nofified Body Nor With The Conformalty Declaration Released By Manufacturer.

Authorized By:

For Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

Guiliang Dong Senior Lab Manager

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(6)





Nov 11, 2021

Date:

Applicant: TRC NANJING REPRESENTATIVE OFFICE

ROOM 1809, #3 BUILDING,

DEYING INT'L PLAZA, #222 CHANGHONG ROAD,

YUHUATAI DISTRICT, NANJING 210012

Attn: ANNE WANG

Sample Description:

One (1) piece of submitted sample said to be Hi-Vis Yellow FR PVC on Nomex.

Standard ANSI/ISEA 107-2020

Buyer **Tingley Rubber Corporation**

Ref. No. Hi-Vis YG FR PVC on Nomex, #2027822/0

Goods Exported to U.S.A

Date Received/Date Test Started Oct. 27, 2021 Date Final Information Confirmed/ Nov. 10, 2021/--

Date Payment Received:

Test Result Please Refer To Attached Page(S).

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

Authorized By:

For Intertek Testing Services Shenzhen Ltd.

Guangzhou Branch

Guiliang Dong Senior Lab Manager

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MI / lydiayang





Tests Conducted (As Requested By The Applicant)

1 Color Performance Of Background And Combined-performance Materials (ANSI/ISEA 107-2020, 8.1.1 (Prior To Exposure Tests) & 8.1.2 (After Xenon Test) & ASTM E1164-17)

Sample	Color	Pre-condition	Chromaticity Coordinates		Total Luminance Factor	Requirement	Pass/Fail	
			ε	Х	у	Y (%)		
-	Fluorescent	As	0°	0.3801	0.5532	113	-	-
	Yellow- Green	Received (#1)	90°	0.3802	0.5532	113	-	-
			Mean	0.380	0.553	113	*	Pass
		After Xenon	0°	0.3703	0.5304	103	-	-
		Test (# & #1)	90°	0.3704	0.5304	103	-	-
			Mean	0.370	0.530	103	*	Pass
Note:	The Specimen	Is Backed By A B	ack Unde	rlay With A	Reflectance	e Of Less Than	0.04.	

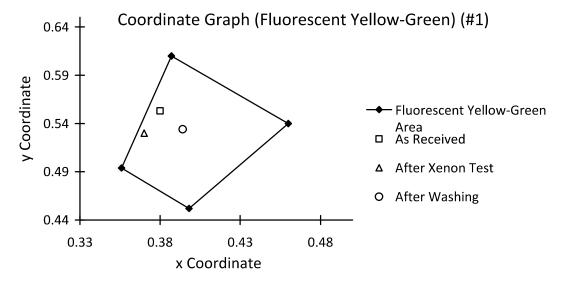
Sample	Color	Pre-Condition	Chromaticity Coordinates		Total Luminance Factor	Applicant's Requirement	Pass/Fail		
			ε	X	у	Y (%)			
-	Fluorescent	After Washing	0°	0.3942	0.5336	94	-	-	
	Yellow- Green	(#1 & #2)	90°	0.3942	0.5338	94	-	-	
			Mean	0.394	0.534	94	*	Pass	
Note:	1,000								





Tests Conducted (As Requested By The Applicant)

Color Performance Of Background And Combined-performance Materials (Cont)



Remark: * =

Color	Chromaticity Coordinates		Minimum Total Luminance Factor			
	X	У	Y (%)			
Fluorescent Yellow-Green	0.387 0.356 0.398 0.460	0.610 0.494 0.452 0.540	70			
NOTE The Coordinate Of Sample Should Be Inside The Area Specified By The Table Above.						

Xenon Test Based On AATCC 16.3-2014, Colorfastness To Light Xenon Arc. Expose The Materials To # = 40 AATCC Fading Units (170 KJ/m²@420nm).

#1= Single Laver

ISO 6330:2012, Wash Condition: #2 =

Washing Standard:	ISO 6330:2012
Machine:	Type A
Reagent:	Reference Detergent 3
Washing Procedure:	4 N
Bleaching Procedure:	-
Drying Procedure:	Line Dry
Ironing Procedure:	-
Professional Textile Care Procedure:	-
Number Of Cycles:	25

/ lydiayang

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Total Quality. Assured. **TEST REPORT**

Tests Conducted (As Requested By The Applicant)

2 Colorfastness To Crocking Of Background Material (ANSI/ISEA 107-2020, 8.2.1 & AATCC 8-2016)

Preconditioning:

Temperature: (20±2)°C Relative Humidity: $(65\pm5)\%$ Period: 24 Hours

Sample	Test Condition	Results	Requirement	Pass / Fail
-	Dry	Grade 4.5	Min. Grade 3.0	Pass
	Wet	Grade 4.5	Min. Grade 3.0	Pass

3 Colorfastness To Perspiration Of Background Material (ANSI/ISEA 107-2020, 8.2.2 & AATCC 15-2013)

Test Condition:

Load: 4.54 kg (38 ± 1) °C Oven temperature: Test Period: $6 h \pm 5 min$

Sample			Requirement	Pass / Fail	
-	Color Change:		Grade 4.5	Min. Grade 4.0	Pass
	Color Stain:	-Acetate	Grade 4.5		
		-Cotton	Grade 4.5		
		-Nylon	Grade 4.5		
		-Polyester	Grade 4.5	Min. Grade 3.0	Pass
		-Acrylic	Grade 4.5		
		-Wool	Grade 4.5		







Number:

GZHT91073834

Total Quality. Assured. **TEST REPORT**

Tests Conducted (As Requested By The Applicant)

Colorfastness To Water Of Background Material (ANSI/ISEA 107-2020, 8.2.3 & AATCC 107-2013)

Test Condition:

4.5 kg Pressure: (38 ± 1) °C Oven Temperature: Test Period:

Sample			<u>Requirement</u>	<u>Pass / Fail</u>	
	Color Change:		Grade 4.5	Min. Grade 3.0	Pass
		T			
	Staining	-Acetate	Grade 4.5		
		-Cotton	Grade 4.5		
		-Nylon	Grade 4.5		
		-Polyester	Grade 4.5	Min. Grade 3.0	Pass
		-Acrylic	Grade 4.5		
		-Wool	Grade 4.5		

5 Waterproof Protection (Hydrostatic Pressure Test) (ANSI/ISEA 107-2020, 8.5.3 & AATCC 127-2017)

Specimen Conditioning:

(20±2)℃ (65±5)% Temperature: Relative Humidity:

24 Hours Period:

Test Condition:

Hydrostatic Head Tester Equipment Type:

Water Température: **(21±2)℃** 60 mbar/min Gradient

Sample	Pre-treatment	Specimen	Results	Requirement	Pass/Fail
-		1	> 500 cm	Min. 200 cm	Pass
	As Received	2	> 500 cm	Min. 200 cm	Pass
		3	> 500 cm	Min. 200 cm	Pass
		1	> 500 cm	Min. 200 cm	Pass
	After 5 Laundry Cycles(*)	2	> 500 cm	Min. 200 cm	Pass
			> 500 cm	Min. 200 cm	Pass

Sample	Pre-treatment	Specimen	Results	Applicant's Requirement	Pass/Fail
-		1	> 500 cm	Min. 200 cm	Pass
	After 25 Laundry Cycles(*)	2	> 500 cm	Min. 200 cm	Pass
	,	3	> 500 cm	Min. 200 cm	Pass

* = AATCC 135-2018 (Home Laundering) Remark:

/ lydiayang

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Color Fastness To Laundry Of Background Material (ANSI/ISEA 107-2020, 8.2.3) 6

Test Condition:

Test Method: AATCC 61-2013-2A, Modified To Use 105°F (Domestic Laundry)

Sample			Requirement	Pass / Fail	
	Color Change:		Grade 4.5	Min. Grade 4.5	Pass
	Color Stain:	-Acetate	Grade 4.5		
		-Cotton	Grade 4.5		
		-Nylon	Grade 4.5		
		-Polyester	Grade 4.5	Min. Grade 3.0	Pass
		-Acrylic	Grade 4.5		
		-Wool	Grade 4.5		

Remark: This Test Was Conducted At Room 801/901, No. 8, East BaoYing Road, Huangpu District, Guangzhou.

7 Dimension Change Of Background Material (Home Laundering) (ANSI/ISEA 107-2020, 8.3 & ASTM D1776-16)

Test Condition:

Standard Code: AATCC 135-2012 (3)(III)(A)(iii)

Cleaning Cycles:

Sample		Results		Pass / Fail
	Length			Pass
	Width	-0.4%	*	Pass

Remark: * =

Material Type	Knit Fabrics And All Other Materials
Length	Not Exceed \pm 7%
Width	Not Exceed $\pm 5\%$

Remark: This Test Was Conducted At Room 801/901, No. 8, East BaoYing Road, Huangpu District, Guangzhou.

/ lydiayang





Total Quality. Assured. **TEST REPORT**

Tests Conducted (As Requested By The Applicant)

8 Bursting Strength Of Knitted Materials And Other Nonwoven Constructions (ANSI/ISEA 107-2020, 8.4.1 & ASTM D6797-07(2015))

Preconditioning:

Temperature: (20±2)°C Relative Humidity: $(65\pm5)\%$ Period: 24 Hours

Sample	Specimen	Results	Requirement	Pass/Fail
	1	313.5 N	Min. 178 N	Pass
	2	290.5 N	Min. 178 N	Pass
	3	303.0 N	Min. 178 N	Pass
	4	277.0 N	Min. 178 N	Pass
	5	273.5 N	Min. 178 N	Pass
	Average	291.5 N	Min. 178 N	Pass

Remark: This Test Was Conducted At Room 801/901, No. 8, East BaoYing Road, Huangpu District, Guangzhou.







End Of Report

This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. No copy of the test report(except for full text copy) shall be made without the written approval by Intertek.



Certificate of Test

Issued To: TRC NANJING REPRESENTATIVE Our Reference No.: GZHT9108457502

OFFICE

ROOM 1809,#3 BUILDING. Certificate Issue Date: Dec 22, 2021

DEYING INT'L PLAZA,#222 CHANGHONG

YUHUATAI DISTRICT, NANJING 210012

Attn: ANNE WANG

Description: One (1) piece of submitted sample said to be Hi-Vis Yellow VF621A FR Reflective Tape.

We Hereby Declare That The Sample Described Above Has Been Tested By Intertek Testing Services Shenzhen Ltd. Guangzhou Branch And Meets The Requirements Of The Following Selected Tests Of ANSI/ISEA 107-2020.

Retroreflective Performance Prior To Test Exposure

Retroreflection After Abrasion Retroreflection After Flexing

Retroreflection After Folding At Cold Temperatures

Retroreflection After Temperature Variation

Retroreflection After Washing Retroreflection (Wet Performance)

The test results are given in our report

No.: GZHT91084575 Dated: Dec 22, 2021

Note:

- This Declaration Applies To The Particular Sample Tested And To The Specific Tests Carried Out As Dated And Detailed In The Report(S) Referenced Above.
- This Certificate Is Valid Only For The Applicant's Selected Test Items And Must Not Be Used Without 2 The Attached Test Report.
- This Certificate Must Not Be Confused Neither With The EU Type Examination Certificate Released By Nofified Body Nor With The Conformaity Declaration Released By Manufacturer.

Authorized Bv:

For Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

Guiliang Dong Senior Lab Manager

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中国认可 国际互认 检测 TESTING **CNAS L0220**

Number: GZHT91084575

TRC NANJING REPRESENTATIVE OFFICE Date: Dec 22, 2021

ROOM 1809, #3 BUILDING,

DEYING INT'L PLAZA, #222 CHANGHONG ROAD,

YUHUATAI DISTRICT, NANJING 210012

ANNE WANG Attn:

Sample Description:

Applicant:

One (1) piece of submitted sample said to be Hi-Vis Yellow VF621A FR Reflective Tape.

Standard ANSI/ISEA 107-2020 Buyer **Tingley Rubber Corporation**

Ref. No. VF621A FR REFLECTIVE TAPE #20211011

Goods Exported to U.S.A.

Dec 10, 2021/--Date Received/Date Test Started: Date Final Information Confirmed/ Dec 22, 2021/--

Date Payment Received:

Test Result Please Refer To Attached Page(S).

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

Authorized By:

For Intertek Testing Services Shenzhen Ltd.

Guangzhou Branch

Guiliang Dong Senior Lab Manager

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/ lynnyang

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch





1 Retroreflective Performance Prior To Test Exposure (ANSI/ISEA 107-2020, 9.1 & 10.3 & ASTM E809-08(2013))

Sample	Observation Angle	Entrance Angle β_1 (β_2 =0)	Coeffici Retroref cd/(lx	lection	Requirement	Pass/Fail
-	0.20° [12′]	5°	452	440	Min. 330/248 cd/(lx·m²) (*)	Pass
		20°	436	432	Min. 290/218 cd/(lx·m ²) (*)	Pass
		30°	400	377	Min. 180/135 cd/(lx·m ²) (*)	Pass
		40°	293	248	Min. 65/47 cd/(lx·m ²) (*)	Pass
	0.33° [20′]	5°	285	280	Min. 250/188 cd/(lx·m ²) (*)	Pass
		20°	271	267	Min. 200/150 cd/(lx·m ²) (*)	Pass
		30°	253	247	Min. 170/128 cd/(lx·m ²) (*)	Pass
		40°	195	171	Min. 60/45 cd/(lx·m ²) (*)	Pass
	1.0°	5°	61.9	61.0	Min. 25/18.8 cd/(lx·m²) (*)	Pass
		20°	66.0	66.0	Min. 15/11.3 cd/(lx·m²) (*)	Pass
		30°	68.9	68.1	Min. 12/9 cd/(lx·m²) (*)	Pass
		40°	57.4	52.5	Min. 10/7.5 cd/(lx·m²) (*)	Pass
	1.5° [1° 30′]	5°	17.2	17.0	Min. 10/7.5 cd/(lx·m²) (*)	Pass
		20°	17.8	17.7	Min. 7/5.25 cd/(lx·m ²) (*)	Pass
		30°	22.5	19.1	Min. 5/3.75 cd/(lx·m ²) (*)	Pass
		40°	24.6	17.8	Min. 4/3 cd/(lx·m²) (*)	Pass

^{*=} Retroreflective Material Shall Comply With The Minimum Requirements For The Coefficient Of Retroreflection At The One Of The Two Rotation Angles, And Shall Be Not Less Than 75% Of The Values At The Other Rotation Angle.

Note: Take Measurements At $\epsilon 1=0^{\circ}$ And $\epsilon 2=90^{\circ}$. Maximum Value Is Recorded On Left Side Of The Result Column And The Other Value On Right Side Of Test Result Column.

/ lynnyang





2 Retroreflection After Abrasion (ANSI/ISEA 107-2020, 9.2 & 10.4.1)

Test Exposure	Test Method
Abrasion	ISO 12947-2:2016, Pressure: 9 kPa, 5000 Cycles

Sample	x-Direction (Horizontal: ϵ =0 $^{\circ}$)					
	Observation Entrance Angle β_1 Angle $(\beta_2 = 0^{\circ})$		31 Coefficient Of Retroreflection Requirement Pass		Pass / Fail	
-	0.20° [12′]	5°	447 cd/(lx·m²)	Min. 100 cd/(lx·m ²)	Pass	

Sample		y-Direction (Vertical: ε=90°)					
	Observation Angle	Entrance Angle β_1 $(\beta_2 = 0^\circ)$	Coefficient Of Retroreflection	Requirement	Pass / Fail		
-	0.20° [12′]	5°	445 cd/(lx·m²)	Min. 75 cd/(lx·m ²)	Pass		

3 Retroreflection After Flexing (ANSI/ISEA 107-2020, 9.2 & 10.4.2)

Test Exposure	Test Method		
Flexing	ISO 7854:1995, Method A, 7500 Cycles		

Sample		x-Direction (Horizontal: ϵ =0 $^{\circ}$)					
	Observation Angle	Entrance Angle β_1 $(\beta_2 = 0^\circ)$	Coefficient Of Retroreflection	Requirement	Pass / Fail		
-	0.20° [12′]	5°	417 cd/(lx·m²)	Min. 100 cd/(lx m ²)	Pass		

Sample		y-Direction (Vertical: ε=90°)					
	Observation Angle	Entrance Angle β_1 $(\beta_2 = 0^\circ)$	Coefficient Of Retroreflection	Requirement	Pass / Fail		
-	0.20° [12′]	5°	413 cd/(lx·m²)	Min. 75 cd/(lx·m²)	Pass		

/ lynnyang

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Retroreflection After Folding At Cold Temperatures (ANSI/ISEA 107-2020, 9.2 & 10.4.3)

Test Exposure	Test Method
Folding At Cold Temperatures	ISO 4675:2017, Exposure At $(-20\pm1)^{\circ}\mathbb{C}$ For 4 Hours

Sample	x-Direction (Horizontal: ϵ =0 $^{\circ}$)				
	Observation Angle	Entrance Angle β_1 $(\beta_2 = 0^\circ)$	Coefficient Of Retroreflection	Requirement	Pass / Fail
-	0.20° [12′]	5°	395 cd/(lx·m²)	Min. 100 cd/(lx·m²)	Pass

Sample	y-Direction (Vertical: ε=90°)					
	Observation Angle	Entrance Angle β_1 ($\beta_2 = 0^{\circ}$)	Coefficient Of Retroreflection	Requirement	Pass / Fail	
-	0.20° [12′]	5°	371 cd/(lx·m²)	Min. 75 cd/(lx·m²)	Pass	

5 Retroreflection After Temperature Variation (ANSI/ISEA 107-2020, 9.2 & 10.4.4)

Test Exposure	Test Method	
	a) For 12 H At $50\pm2^{\circ}$; Immediately Followed By	
Temperature Variation	b) 20 H At -30 \pm 2 $^{\circ}$ C; Immediately Followed By	
	c) For At Least 2 H At $20\pm2^{\circ}$ C And $65\pm5\%$ Relative Humidity	

Sample	x-Direction (Horizontal: ϵ =0 $^{\circ}$)						
	Observation Angle	Entrance Angle β_1 ($\beta_2 = 0^{\circ}$)	Coefficient Of Retroreflection	Requirement	Pass / Fail		
-	0.20° [12′]	5°	389 cd/(lx·m²)	Min. 100 cd/(lx·m ²)	Pass		

Sample	y-Direction (Vertical: ε=90°)						
	Observation Angle	Entrance Angle β_1 $(\beta_2 = 0^\circ)$	Coefficient Of Retroreflection	Requirement	Pass / Fail		
-	0.20° [12′]	5°	381 cd/(lx·m²)	Min. 75 cd/(lx·m ²)	Pass		

/ lynnyang

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6 Retroreflection After Washing (ANSI/ISEA 107-2020, 9.2 & 10.4.5.2)

Wash Condition:					
Washing Standard:	ISO 6330:2012				
Machine:	Type A				
Reagent:	Reference Detergent 3				
Washing Procedure:	6N				
Bleaching Procedure:	-				
Drying Procedure:	After Each Wash Cycle Dried The Samples At $50\pm5^{\circ}\mathrm{C}$				
Ironing Procedure:	-				
Professional Textile Care Procedure:	-				
Number Of Cycles:	25				

Sample	x-Direction (Horizontal: ϵ =0 $^{\circ}$)					
	Observation Angle	Entrance Angle β_1 ($\beta_2 = 0^{\circ}$)	Coefficient Of Retroreflection	Requirement	Pass / Fail	
_	0.20° [12′]	5°	415 cd/(lx·m²)	Min. 100 cd/(lx·m ²)	Pass	

Sample	y-Direction (Vertical: ε=90°)					
	Observation Angle	Entrance Angle β_1 ($\beta_2 = 0^{\circ}$)	Coefficient Of Retroreflection	Requirement	Pass / Fail	
-	0.20° [12′]	5°	393 cd/(lx·m²)	Min. 75 cd/(lx·m²)	Pass	

7 Retroreflection (Wet Performance) (ANSI/ISEA 107-2020, 9.2 & Appendix B)

Test Exposure	Test Method	
Retroreflective Wet Performance	ANSI/ISEA 107-2020, Appendix B	

Sample	x-Direction (Horizontal: ϵ =0 $^{\circ}$)					
	Observation Angle	Entrance Angle β_1 ($\beta_2 = 0^{\circ}$)	Coefficient Of Retroreflection	Requirement	Pass / Fail	
-	0.20° [12′]	5°	242 cd/(lx·m²)	Min. 100 cd/(lx·m ²)	Pass	

Sample	y-Direction (Vertical: ε=90°)					
	Observation Angle	Entrance Angle β_1 ($\beta_2 = 0^{\circ}$)	Coefficient Of Retroreflection	Requirement	Pass / Fail	
-	0.20° [12′]	5°	232 cd/(lx·m²)	Min. 75 cd/(lx·m ²)	Pass	

/ lynnyang

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End Of Report

This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. No copy of the test report(except for full text copy) shall be made without the written approval by Intertek.