

CERTIFICATE

INSTITUTE OF THE INTERNATIONAL  
TESTING ASSOCIATION FOR  
APPLIED UV PROTECTION



TESTEX AG  
Swiss Textile Testing Institute  
Gotthardstrasse 61  
8002 Zurich - Switzerland

The company  
Taiwan Axroma Technical Textile Co., Ltd  
No. 636 Hsi-Ping Road,  
Doullou, Yunlin Hsien 64057,  
Taiwan

is authorised to use the UV-Label Grade 80 in accordance with UV STANDARD 801,  
under the Test Report Number SH780 205970.1



[www.uvstandard801.com](http://www.uvstandard801.com)

**UV STANDARD 801**  
UVS 205970 TESTEX

for the following articles

Article: Woven fabric, article no. Monochrome

Colours: 506.102 Denim, 402.102 Olive, 702.102 Marble Grey, 501.102 Aqua  
Teal, 601.102 Chiatea, 401.102 Moss, 502.102 Admiral, 701.102  
Onyx, 602.102 Flax, 705.102 Steel, 608.102 Pearl, 609.102 Cloud,  
603.102 Marron, 101.102 Salsa, 18B386-23 Ivory, 18B386-43 Fog,  
22B020-8 Pineapple

Material composition: 100% Olefin

Fabric weight: 240 g/m<sup>2</sup>

The above mentioned articles were tested according to UV STANDARD 801 and  
were found to be in compliance with the currently valid requirements of this  
Standard.

The holder of this certificate has obliged himself by a Declaration of Conformity  
given in accordance with EN ISO/IEC 17050-1, to use the UV label only for goods  
which conform to the tested samples.

This authorisation is valid from 8/11/2022 to 8/31/2023

Zurich, 8/11/2022

Certification Body UV STANDARD 801

Matz Bachmann  
Managing Director

Roman Radulov  
Technology Team Leader

**Registered**

Taiwan Axroma Technical Textile Co., Ltd  
No. 636 Hsi-Ping Road,  
Douliou, Yunlin Hsien 64057,  
Taiwan

**Your Reference**

**Customer Number** 60216  
**Contact Person** Lin Vanessa  
**E-Mail** vanessa@axroma.com

Zurich / 11.08.2022 / pahi

**Test Report SH780 205970.1**

**Application**

Initial Certification UV STANDRAD 801

**Test Material**

Woven Fabric, article No.: Monochrome, Material Composition: 100% Olefin, Fabric weight: 240 g/m<sup>2</sup>,  
Finishing: Heat Setting: Coating: None, colours: 506.102 Denim, 402.102 Olive, 702.102 Marble Grey,  
501.102 Aqua Teal, 601.102 Chiatea, 401.102 Moss, 502.102 Admiral, 701.102 Onyx, 602.102 Flax,  
705.102 Steel, 608.102 Pearl, 609.102 Cloud, 603.102 Marrom, 101.102 Salsa, 18B386-23 Ivory,  
18B386-43 Fog, 22B020-8 Pineapple

A detailed sample list is included in the document.

**Issuing**

Original Issuing, 11.08.2022

Number Of Included Pages: 11

+ marked pages of annex + demonstration samples

**TESTEX AG**

Swiss Textile Testing Institute



**Roman Radulov**

Technology Team Leader



**Pauline Hirt**

Textile Technologist



## Contents

1	Summary .....	2
2	Application .....	2
3	Samples .....	3
4	Photo Overview .....	4
5	Preliminary Note .....	5
6	Tests Performed / Results .....	6
7	Remarks .....	11

Annex:

- 1 UV STANDARD 801 certificate UVS 205970

## 1 Summary

Based on the results of the tests carried out according to UV STANDARD 801, the following articles can be identified with the designation:

**Woven Fabric, article No.: Monochrome, Material Composition: 100% Olefin, Fabric weight: 240 g/m<sup>2</sup>, Finishing: Heat Setting: Coating: None, colours: 506.102 Denim, 402.102 Olive, 702.102 Marble Grey, 501.102 Aqua Teal, 601.102 Chiatea, 401.102 Moss, 502.102 Admiral, 701.102 Onyx, 602.102 Flax, 705.102 Steel, 608.102 Pearl, 609.102 Cloud, 603.102 Marrom, 101.102 Salsa, 18B386-23 Ivory, 18B386-43 Fog, 22B020-8 Pineapple**

for the article group 'Shading Textiles' be certified as follows:

The tested articles can be labelled with the UV Protection Factor (UPF) **80**.

The certificate number is UVS **205970**.

This certification according to UV STANDARD 801 is valid till **31.08.2023**.

## 2 Application

Date of Order	Scope of Order
19.07.2022	UV Standard 801 (new condition / screening) - UV Standard 801 UV Standard 801 (Full Test Textiles) - UV Standard 801

### 3 Samples

No.	Receipt	Sample Identification
1	19.07.2022	Olefin, woven fabric, 506.102 Denim
2	19.07.2022	Olefin, woven fabric, 402.102 Olive
3	19.07.2022	Olefin, woven fabric, 702.102 Marble Grey
4	19.07.2022	Olefin, woven fabric, 501.102 Aqua Teal
5	19.07.2022	Olefin, woven fabric, 601.102 Chiatea
6	19.07.2022	Olefin, woven fabric, 401.102 Moss
7	19.07.2022	Olefin, woven fabric, 502.102 Admiral
8	19.07.2022	Olefin, woven fabric, 701.102 Onyx
9	19.07.2022	Olefin, woven fabric, 602.102 Flax
10	19.07.2022	Olefin, woven fabric, 705.102 Steel
11	19.07.2022	Olefin, woven fabric, 608.102 Pearl
12	19.07.2022	Olefin, woven fabric, 609.102 Cloud
13	19.07.2022	Olefin, woven fabric, 603.102 Marron
14	19.07.2022	Olefin, woven fabric, 101.102 Salsa
15	19.07.2022	Olefin, woven fabric, 18B386-23 Ivory
16	19.07.2022	Olefin, woven fabric, 18B386-43 Fog
17	19.07.2022	Olefin, woven fabric, 22B020-8 Pineapple

(Unless otherwise stated samples are provided by the customer.)

#### 4 Photo Overview

#1 Image 1



Olefin woven fabric 506.102  
Denim

#2 Image 1



Olefin woven fabric 402.102  
Olive

#3 Image 1



Olefin woven fabric 702.102  
Marble Grey

#4 Image 1



Olefin woven fabric 501.102  
Aqua Teal

#5 Image 1



Olefin woven fabric 601.102  
Chiatea

#6 Image 1



Olefin woven fabric 401.102  
Moss

#7 Image 1



Olefin woven fabric 502.102  
Admiral

#8 Image 1



Olefin woven fabric 701.102  
Onyx

#9 Image 1



Olefin woven fabric 602.102  
Flax

#10 Image 1



Olefin woven fabric 705.102  
Steel

#11 Image 1



Olefin woven fabric 608.102  
Pearl

#12 Image 1



Olefin woven fabric 609.102  
Cloud

#13 Image 1



Olefin woven fabric 603.102  
Marron

#14 Image 1



Olefin woven fabric 101.102  
Salsa

#15 Image 1



Olefin woven fabric 18B386-23  
Ivory

#16 Image 1



Olefin woven fabric 18B386-43  
Fog

#17 Image 1



Olefin woven fabric 22B020-8  
Pineapple

## 5 Preliminary Note

For the requested article group and the submitted sample material, the application form provided for this as well as the legally binding signed declaration of commitment and conformity were handed over.

## 6 Tests Performed / Results

Based on the information provided by the applicant and the commitment declaration given on its accuracy, the required tests were made in accordance with UV STANDARD 801 on the submitted samples.

#1	#2	#3	#4
Olefin woven fabric	Olefin woven fabric	Olefin woven fabric	Olefin woven fabric
506.102 Denim	402.102 Olive	702.102 Marble Grey	501.102 Aqua Teal

<b>UV Standard 801 (new condition / screening)</b>		#1	#2	#3	#4
UV Standard 801					
Number of Tests		4	4	4	4
• UVA transmission		0.05	0.05	0.26	0.05
• UVB transmission		0.05	0.05	0.08	0.05
• PROTECTION FACTOR [UPF]		>80	>80	>80	>80

#5	#6	#7	#8
Olefin woven fabric	Olefin woven fabric	Olefin woven fabric	Olefin woven fabric
601.102 Chiatea	401.102 Moss	502.102 Admiral	701.102 Onyx

<b>UV Standard 801 (new condition / screening)</b>		#5	#6	#7	#8
UV Standard 801					
Number of Tests		4	4	4	4
• UVA transmission		0.23	0.05	0.05	0.05
• UVB transmission		0.05	0.05	0.05	0.05
• PROTECTION FACTOR [UPF]		>80	>80	>80	>80

#17  
Olefin  
woven  
fabric  
22B020-8  
Pineapple

<b>UV Standard 801 (Full Test Textiles)</b>		
UV Standard 801		
• NEW		
Number of tests		
Stretched Dry	[UPF]	
Stretched Wet	[UPF]	
• AFTER WEATHERING		
Number of tests		
Stretched Dry	[UPF]	
Stretched Wet	[UPF]	
• PROTECTION FACTOR		80

**Note:**

In accordance with the objective of the UV STANDARD 801 the submitted samples are certified according to the lowest mean value of the UV Protection Factor during the full tests. For the samples that are not fully tested, the result of the screening was used to determine the UPF value. The certification is made at the levels 10, 15, 20, 30, 40, 60 und 80, whereby the value reached is adjusted down to the nearest lower level.





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#9	#10	#11	#12
Olefin woven fabric	Olefin woven fabric	Olefin woven fabric	Olefin woven fabric
602.102	705.102	608.102	609.102
Flax	Steel	Pearl	Cloud

UV Standard 801 (new condition / screening)	#9	#10	#11	#12
UV Standard 801				
Number of Tests	4	4	4	4
• UVA transmission	0.11	0.05	0.22	0.23
• UVB transmission	0.05	0.05	0.05	0.05
• PROTECTION FACTOR [UPF]	>80	>80	>80	>80

#13	#14	#15	#16
Olefin woven fabric	Olefin woven fabric	Olefin woven fabric	Olefin woven fabric
603.102	101.102	18B386-23	18B386-43
Marron	Salsa	Ivory	Fog

UV Standard 801 (new condition / screening)	#13	#14	#15	#16
UV Standard 801				
Number of Tests	4	4	5	4
• UVA transmission	0.05	0.05	0.22	0.14
• UVB transmission	0.05	0.05	0.05	0.05
• PROTECTION FACTOR [UPF]	>80	>80	>80	>80

#17  
Olefin woven fabric  
22B020-8  
Pineapple

UV Standard 801 (new condition / screening)	#17
UV Standard 801	
Number of Tests	4
• UVA transmission	0.13
• UVB transmission	0.05
• PROTECTION FACTOR [UPF]	>80

#1	#2	#3	#4
Olefin	Olefin	Olefin	Olefin
woven	woven	woven	woven
fabric	fabric	fabric	fabric
506.102	402.102	702.102	501.102
Denim	Olive	Marble Grey	Aqua Teal

<b>UV Standard 801 (Full Test Textiles)</b> UV Standard 801 • NEW Number of tests Stretched Dry [UPF] Stretched Wet [UPF] • AFTER WEATHERING Number of tests Stretched Dry [UPF] Stretched Wet [UPF] • PROTECTION FACTOR					
				4	
				>80	
				>80	
				4	
				>80	
				>80	
		80	80	80	80

#5	#6	#7	#8
Olefin	Olefin	Olefin	Olefin
woven	woven	woven	woven
fabric	fabric	fabric	fabric
601.102	401.102	502.102	701.102
Chiatea	Moss	Admiral	Onyx

<b>UV Standard 801 (Full Test Textiles)</b> UV Standard 801 • NEW Number of tests Stretched Dry [UPF] Stretched Wet [UPF] • AFTER WEATHERING Number of tests Stretched Dry [UPF] Stretched Wet [UPF] • PROTECTION FACTOR					
		4			
		>80			
		>80			
		4			
		>80			
		>80			
		80	80	80	80

#9	#10	#11	#12
Olefin	Olefin	Olefin	Olefin
woven	woven	woven	woven
fabric	fabric	fabric	fabric
602.102	705.102	608.102	609.102
Flax	Steel	Pearl	Cloud

<b>UV Standard 801 (Full Test Textiles)</b> UV Standard 801 • NEW Number of tests Stretched Dry [UPF] Stretched Wet [UPF] • AFTER WEATHERING Number of tests Stretched Dry [UPF] Stretched Wet [UPF] • PROTECTION FACTOR					
					4
					>80
					>80
					4
					>80
					>80
		80	80	80	80

#13	#14	#15	#16
Olefin	Olefin	Olefin	Olefin
woven	woven	woven	woven
fabric	fabric	fabric	fabric
603.102	101.102	18B386-23	18B386-43
Marron	Salsa	Ivory	Fog

<b>UV Standard 801 (Full Test Textiles)</b> UV Standard 801 • NEW Number of tests Stretched Dry [UPF] Stretched Wet [UPF] • AFTER WEATHERING Number of tests Stretched Dry [UPF] Stretched Wet [UPF] • PROTECTION FACTOR					
		80	80	80	80

## 7 Remarks

### Period of Validity

There are no regulations concerning duration of validity in the individual test standards. As the results of the examinations refer only to the submitted and examined samples, the report is valid for these for an unlimited period. A period of validity specified as part of an expert evaluation is in the discretion of the consultant or TESTEX. The applicability of results and expert evaluations for materials not tested is in the responsibility of the applicant. Whereby an apportionment of results as well as any specified period of validity can only be done for identically constructed products and only as long as the product is produced unchanged. Possible national or international restrictions concerning the terms of usability of test and classification reports have to be considered; this is not the responsibility of the test laboratory.

### Sample Material

Results of performed tests only refer to the sample material provided. Without explicit written other agreement testing is destructive and the sample material is transferred to the property of TESTEX, which is entitled to freely decide on storage and disposal.

### Issuing

This test report is only issued as a PDF. Translations will be marked accordingly on the cover sheet.

### Quality Management, Accreditation And Notification

All tests are performed under a quality management system according to EN ISO/IEC 17025. TESTEX is accredited as a testing laboratory by the Swiss national accreditation body (SAS). The scope of accreditation is listed on [www.testex.com](http://www.testex.com). An accreditation logo on the test report indicates that at least one test method is accredited. Non-accredited test methods at TESTEX are marked with \*. However, these test procedures were also performed to the same quality level as the accredited tests. Sampling, which is usually performed by the customer, is outside the accredited range. Conformity statements are based on specifications of the cited standard. The "simple acceptance rule" is applied. This means that the measurement uncertainty is determined, but not taken into account for the conformity statement. Due to the system of mutual recognition of national accreditations (ILAC), this accreditation is valid worldwide. According to the Accreditation and Designation Ordinance (AkkBV), the accreditation mark may only be used by the accredited conformity assessment body.

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End of Report