



Ultraviolet Protection Factor Summary

Analysed for: CMX Trading

15/01/2020

ARPANSA Reference	Sample Description	Specimens Tested	Mean UVB	Mean UVA	Mean UPF	Std. Dev	Rated UPF	Protection Category
12784-1	Black 92gsm 100% Polyester, Batch 20190006BLA	8	0.000	0.000	>300	n/a	50+	Excellent
12784-2	Teal with Black on Reverse Side 98gsm 100% Polyester, Batch 20190006TEA	8	0.000	0.000	>300	n/a	50+	Excellent
12784-3	Yellow with Black on Reverse Side 121gsm 100% Polyester, Batch 20190006YEL	8	0.000	0.000	>300	n/a	50+	Excellent
12784-4	Red with Black on Reverse Side 125gsm 100% Polyester, Batch 20190006RED	8	0.000	0.000	>300	n/a	50+	Excellent
12784-5	Blue with Black on Reverse Side 99gsm 100% Polyester, Batch 20190006BLU	8	0.000	0.000	>300	n/a	50+	Excellent

Lydiawati Tjong

Lydia Tjong - Technician

15/01/2020

Kerryn King

Kerryn King - Approved Signatory

16/01/2020

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Document ID: ARPANSA-RPT-0373[2]



Ultraviolet Protection Factor Report

AS/NZS 4399: 2017

Analysed for: CMX Trading

ARPANSA Reference: 12784-1

Customer Reference: 3179

Sample Information

Sample Type: Polyester

Sample Colour: Black

Analysis Date: 15/01/2020

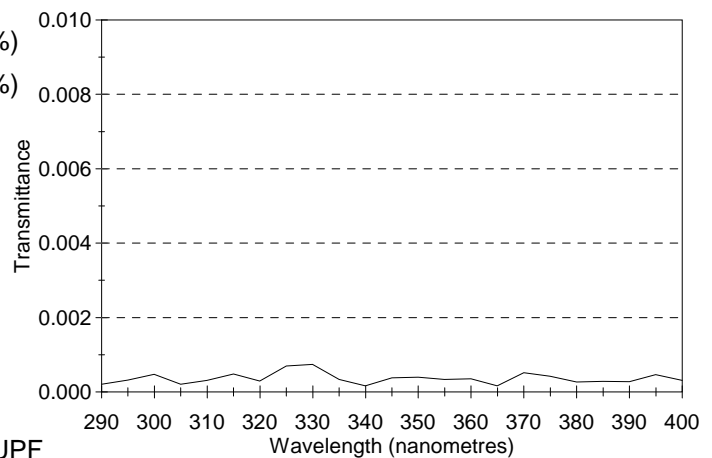
Instrumentation: Labsphere UV-1000F s/n 5239

Description: Black 92gsm 100% Polyester, Batch 20190006BLA

Protection Factor Results

Number of Specimens Analysed: 8
 Mean UVB Transmittance: 0.000 (0.0%)
 Mean UVA Transmittance: 0.000 (0.0%)
 Mean UPF: >300
 Standard Deviation: n/a
 Rated UPF: 50+
 Protection Category: Excellent

UV Transmittance Characteristics



Statistical Uncertainties

Total Measurement Uncertainty: n/a
 Coverage Factor (99% confidence): 3.50

The maximum instrumental contribution to the uncertainty in the UPF result is 6.5% of the highest reportable value at the 95% confidence level.

Review of Results

This fabric is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A UPF rating of 50+ qualifies this fabric for the UPF Excellent protection category. The assigned UPF rating of 50+ may be quoted for advertising purposes.

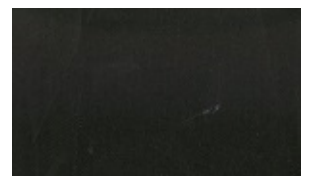
This test report provides UPF results for the material tested. This report does not consider the design or body coverage of the product.

Disclaimer

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Document ID: ARPANSA-RPT-0375[2] 26/11/2018

Material Sample



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Ultraviolet Protection Factor Report

AS/NZS 4399: 2017

Analysed for: CMX Trading

ARPANSA Reference: 12784-2

Customer Reference: 3179

Sample Information

Sample Type: Polyester

Sample Colour: Teal / Black

Analysis Date: 15/01/2020

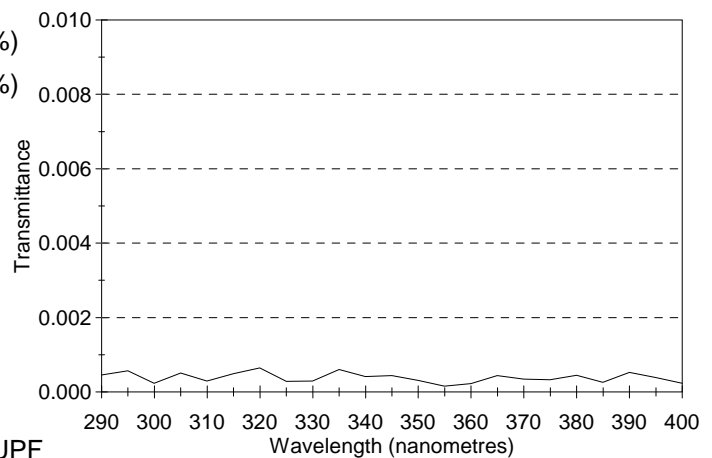
Instrumentation: Labsphere UV-1000F s/n 5239

Description: Teal with Black on Reverse Side 98gsm 100% Polyester, Batch 20190006TEA

Protection Factor Results

Number of Specimens Analysed:	8
Mean UVB Transmittance:	0.000 (0.0%)
Mean UVA Transmittance:	0.000 (0.0%)
Mean UPF:	>300
Standard Deviation:	n/a
Rated UPF:	50+
Protection Category:	Excellent

UV Transmittance Characteristics



Statistical Uncertainties

Total Measurement Uncertainty:	n/a
Coverage Factor (99% confidence):	3.50

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Review of Results

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NATA Accredited Laboratory
Number: 14442

Accredited for compliance with ISO/IEC 17025 - Testing.
The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards of measurement.

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Ultraviolet Protection Factor Report

AS/NZS 4399: 2017

Analysed for: CMX Trading

ARPANSA Reference: 12784-3

Customer Reference: 3179

Sample Information

Sample Type: Polyester

Sample Colour: Yellow / Black

Analysis Date: 15/01/2020

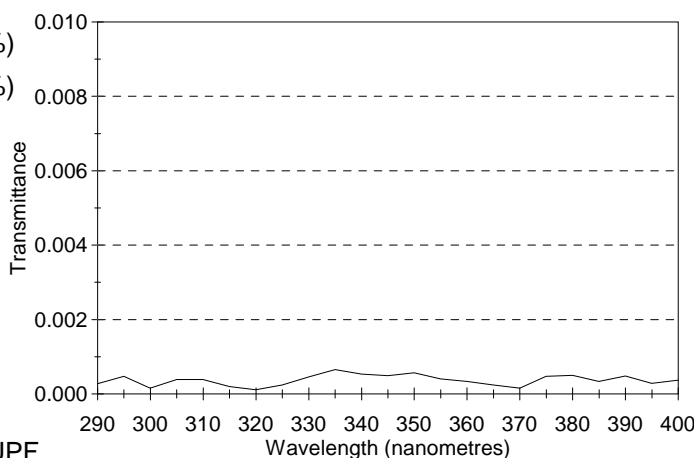
Instrumentation: Labsphere UV-1000F s/n 5239

Description: Yellow with Black on Reverse Side 121gsm 100% Polyester, Batch 20190006YEL

Protection Factor Results

Number of Specimens Analysed:	8
Mean UVB Transmittance:	0.000 (0.0%)
Mean UVA Transmittance:	0.000 (0.0%)
Mean UPF:	>300
Standard Deviation:	n/a
Rated UPF:	50+
Protection Category:	Excellent

UV Transmittance Characteristics



Statistical Uncertainties

Total Measurement Uncertainty:	n/a
Coverage Factor (99% confidence):	3.50

The maximum instrumental contribution to the uncertainty in the UPF result is 6.5% of the highest reportable value at the 95% confidence level.

Review of Results

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Ultraviolet Protection Factor Report

AS/NZS 4399: 2017

Analysed for: CMX Trading

ARPANSA Reference: 12784-4

Customer Reference: 3179

Sample Information

Sample Type: Polyester

Sample Colour: Red / Black

Analysis Date: 15/01/2020

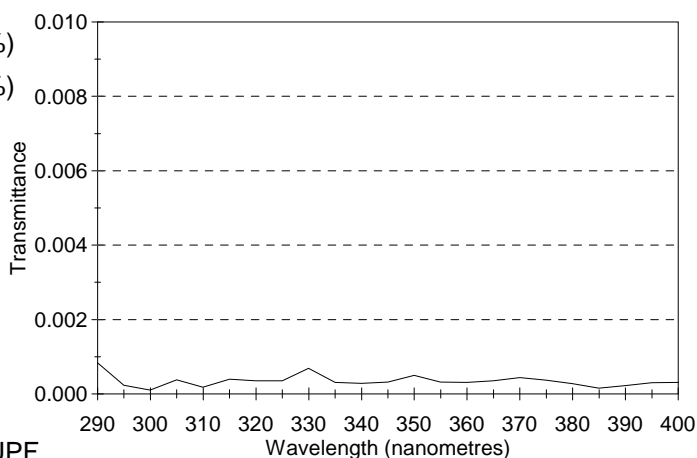
Instrumentation: Labsphere UV-1000F s/n 5239

Description: Red with Black on Reverse Side 125gsm 100% Polyester, Batch 20190006RED

Protection Factor Results

Number of Specimens Analysed: 8
 Mean UVB Transmittance: 0.000 (0.0%)
 Mean UVA Transmittance: 0.000 (0.0%)
 Mean UPF: >300
 Standard Deviation: n/a
 Rated UPF: 50+
 Protection Category: Excellent

UV Transmittance Characteristics



Statistical Uncertainties

Total Measurement Uncertainty: n/a
 Coverage Factor (99% confidence): 3.50

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Review of Results

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Ultraviolet Protection Factor Report

AS/NZS 4399: 2017

Analysed for: CMX Trading

ARPANSA Reference: 12784-5

Customer Reference: 3179

Sample Information

Sample Type: Polyester

Sample Colour: Blue / Black

Analysis Date: 15/01/2020

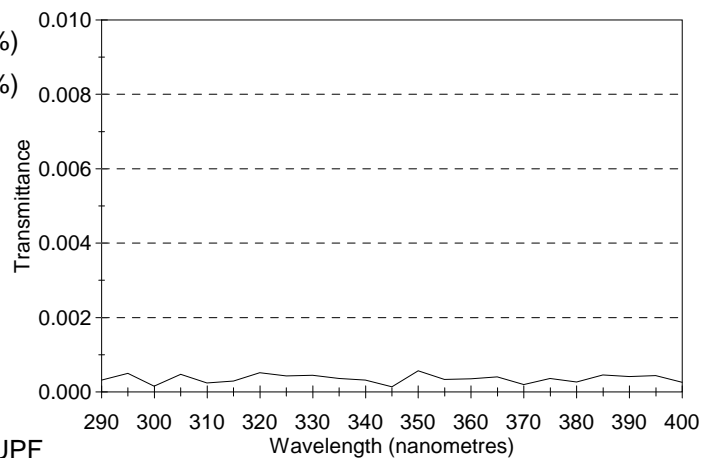
Instrumentation: Labsphere UV-1000F s/n 5239

Description: Blue with Black on Reverse Side 99gsm 100% Polyester, Batch 20190006BLU

Protection Factor Results

Number of Specimens Analysed:	8
Mean UVB Transmittance:	0.000 (0.0%)
Mean UVA Transmittance:	0.000 (0.0%)
Mean UPF:	>300
Standard Deviation:	n/a
Rated UPF:	50+
Protection Category:	Excellent

UV Transmittance Characteristics



Statistical Uncertainties

Total Measurement Uncertainty:	n/a
Coverage Factor (99% confidence):	3.50

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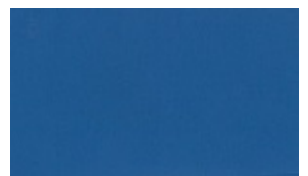
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The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards of measurement.

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