



**Test Report**

No. GZ0900050435TX

Date: Sep 30, 2009

Page 1 of 4

PORTABLE SHADE (PTY) LTD

The following sample was submitted and identified on behalf of the client as:

One sample of 300D super woven cutting in red for tents.

Style No.	:	300D Super
Sample Receiving Date	:	Sep 21, 2009
Test Performing Period	:	Sep 22-30, 2009
Test Performed	:	Selected tests as requested by applicant
	*	*
	*	*
Test Result(s)	:	Please refer to the next page(s).

Signed for and on behalf of  
SGS-CSTC Ltd.

Echo Zhou  
Section Head

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**GZTX 543110**

Member of the SGS Group (SGS SA)



## Test Report

No. GZ0900050435TX

Date: Sep 30, 2009

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### Test Results:

#### Transmittance or Blocking of Erythemally Weighted Ultraviolet Radiation through Fabrics (AATCC 183-2004)

<u>As received</u>	<u>Dry evaluation</u>	<u>Wet evaluation</u>
Ultraviolet Protection Factor (UPF) :	4671	4678
Standard Deviation :	142	104
Rated UPF :	50+	50+
Protection Category :	Excellent	Excellent
Percent Transmittance, T (UV-A) :	0.04	0.04
Percent Transmittance, T (UV-B) :	0.02	0.02
The Percent Blocking, UV-A :	99.96	99.96
The Percent Blocking, UV-B :	99.98	99.98

Test was conducted in wavelength range : 280 – 400 nm  
Instrument : UV – Vis Spectrophotometer model  
No. of Scans : 6

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GZTX 543109

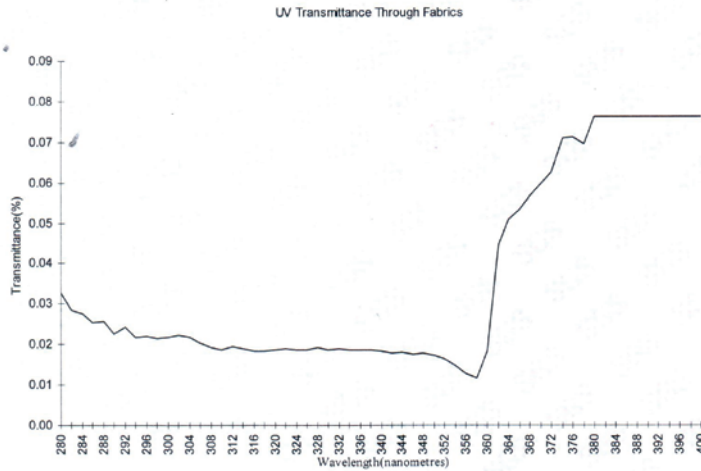
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**Remarks :**

- (1) Ultraviolet Protection Factor (UPF) is the ratio of the average effective ultraviolet radiation (UV-R) irradiance transmitted and calculated through air to the average effective UV-R irradiance transmitted and calculated through fabric.
- (2) The limits of the spectral range of ultraviolet radiation are not well defined and may vary according to the user. Committee E-2.12 of the International Commission on Illumination (CIE) distinguishes in the spectral range between 400 and 100 nm :  
 UV-A : 315 – 400 nm  
 UV-B : 280 – 315 nm  
 UV-R : 280 – 400 nm
- (3) This method can also be used to determine the UPF of wet and/or stretched fabrics. However, the techniques for wetting and/or stretching the specimens are not part of this method and are addressed in a separate test procedure. It must be noted that wetting and/or stretching the specimens could change the UPF properties.
- (4) Refer to ASTM D6603, The UV protection category is determined the UPF values,  
 UPF 40 or greater                      Excellent UV protection  
 UPF in between 25 to 39              Very Good UV Protection  
 UPF is between 15 to 24              Good UV protection  
 UPF less than 15                      Unclassification
- (5) The listed protection category is for reference only, the market claims for labeling UV-Protection product shall follow "Standard Guide For Labeling UV-Protection Textiles" as stated in ASTM D6603-00.

Note: Graph Appendix is attached.  
 Sample (Dry)



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**GZTX 543108**

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**SGS**

**Sample Card**

Report No.: 0900050451TX





**Test Report**

No. **GZ0900050451TX**

Date: Sep 25, 2009

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PORTABLE SHADE (PTY) LTD

The following sample was submitted and identified on behalf of the client as:

One sample of woven 300D super cutting in red for tents.

Style No. : 300D super

Sample Receiving Date : Sep 21, 2009

Test Performing Period : Sep 22, 2009 ~ Sep 25, 2009

Test Performed : Selected test(s) as requested by applicant.

\* \* \* \*

Test Result : Please refer to the next page(s).

Signed for and on behalf of  
SGS-CSTC Ltd.

Echo Zhou  
Section Head

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**GZTX 499006**

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**Test Report**

No. GZ0900050451TX

Date: Sep 25, 2009

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**Test Result:**

Client's Requirement

**Water Resistance**

(AATCC 127-2003, Hydrostatic Head; Rate of increase of water pressure: 60cm/min, temp of distilled water: 20°C.)

<u>As received</u>	<u>(Reading 1)</u>	<u>(Reading 2)</u>	<u>(Reading 3)</u>	<u>Average</u>	
Water Column (mm)	401	410	401	404	Min. 1000mm

\*\*\* End of Report \*\*\*

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**GZTX 499005**

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Test Report

No. GZ0900050441TX

Date: Sep 30, 2009

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Test Results:

Flammability Test for Wall & Top Materials for Camping Tentage Products (CPAI-84:1995; Section 6)

As Received Specimen	Damaged Length (mm)		After-flame time (second)		Flaming debris or flaming broken (Yes or No)	
	Lengthwise	Widthwise	Lengthwise	Widthwise	Lengthwise	Widthwise
(1)	180	135	11.2	0	No	No
(2)	172	159	10.2	4.2	No	No
(3)	169	118	4.2	0	No	No
(4)	175	131	1.6	1.2	No	No
Average	155		4.0		-	

Requirements

- Damaged Length
 

Fabric weight (g/sq.m.)	Average maximum (mm)	Specimen maximum (mm)
More than 200 but Not more than 270	165	255
- No specimen shall have an after-flame time of more than 4 seconds.
- Average after-flame of all specimens shall not exceed 2 seconds.
- Portions or residues that break or drip from the test specimens shall not continue to flame after they reach the floor of the test cabinet.
- Lightweight Fabric Mass Loss Criteria: Any wall or top material with a mass of less than 100 g/sq.m will be considered acceptable if the mass loss during the test is no greater than 5 percent of the original test specimen mass, regardless of the damaged length measurement.
- This requirement includes:
  - specimens that were unleached and unweathered
  - specimens that were leached but unweathered
  - specimens that were weathered but unleached.

Comment

The submitted sample meets the requirement prescribed in CPAI-84:1995 Section 3: clause 3.2 in "As Received" states.

Remarks

- Leaching procedure : Section 4.1.2 – Submerging in water for 72 hours
- The fabric weight of sample is 230 g/sq.m.
- Weathering procedure: Section 4.2-Accelerated Weathering Procedure: Fluorescent UV and Condensation Method, for 54 hours (test cycle:8 hours of UV at 60 degree C, followed by 4 hours of condensation at 50 degree C), using UV A-340 lamps.

According to CPAI-84:1995 Section 6 procedure, submitted sample must be do the full test which include: as receive, after leached and after weathered. The incomplete method is based on the client's special request and is a deviation from the legitimate procedures. It is recommended to test full procedure.

The above test was conducted in SGS SH.

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GZTX 543105

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**Test Report**

No. GZ0900050441TX

Date: Sep 30, 2009

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The following sample was submitted and identified on behalf of the client as:

One sample of 300D Super woven cutting in red for tents.

Style No.	:	300D Super
Sample Receiving Date	:	Sep 21, 2009
Test Performing Period	:	Sep 22-30, 2009
Test Performed	:	Selected tests as requested by applicant
* * * *		
Test Result(s)	:	Please refer to the next page(s).

Signed for and on behalf of  
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