



# Shade Fabric Report

AS 4174:2018

Analysed for: Philips & House Pty Ltd (Shelta Australia)

ARPANSA Reference: 13741-4

Customer Reference: 3238

Date of Analysis: 15/12/2022

## Sample Information

Description: Black 67gsm Pongee Polyester Woven Shade Fabric, 3020. Silblk, Black with Silver Backing

Sample Weight (gsm): 67

Specimens Tested: 10

Instrument: Bentham DTMc300F s/n 14294

## Shade Fabric Results

S.D.

Cover Factor: 99 0.1

Shade Factor: 99.6 0.1

UV-Visible Transmittance (%): 0.4 0.1

UVR Transmittance (%): 0.2 0.1

UVR Block (%): 99.8 0.1

PAR Transmittance (%): 0.2 0.1

Designation: Ultra-heavy cover

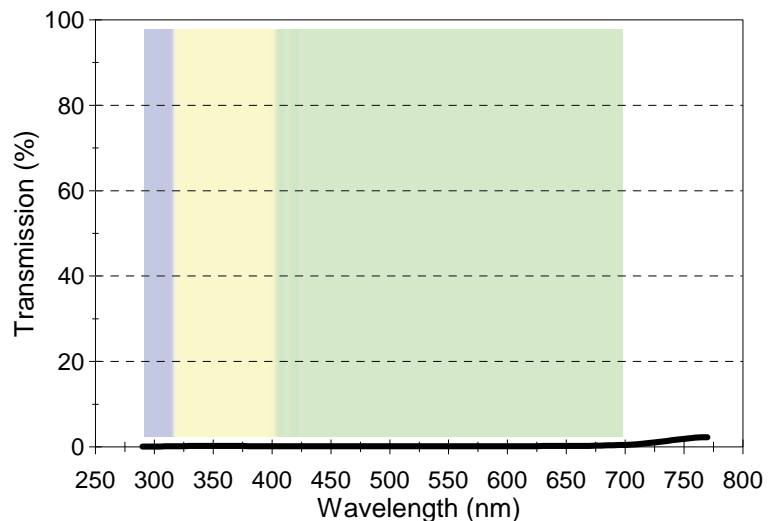
Colour Code: Beige

## Human Protection Results

Ultraviolet Effectiveness (UVE%): 99 0.1

Protection Category: Most effective

## UV-Visible Transmittance



## Review of Results

When shade fabric is used for purposes such as shade structures for human protection, the ultraviolet effectiveness (UVE) may not be an accurate guide to the protection provided and may be less than the measured value due to variations in design, height and size of shade structures, stretching of the fabric, the distance of the fabric from the persons, the direction of sunlight, and the physical location of the persons within the shade structure (e.g. at the edge or at the centre).

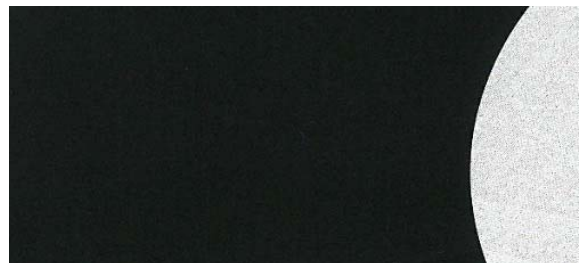
Please refer to AS 4174:2018 for labelling requirements; these requirements are summarised in the email accompanying this report.

## Disclaimer

Unless otherwise stated the sample was tested unstretched, dry and in new condition. This report has been prepared in accordance with standard AS 4174:2018 - Knitted and woven shade fabrics, Appendices A, B & D. The results in this report are applicable to the sample tested and may not apply to other batches of the same material or similar materials.

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## Material Sample



Kerry King - Technician - 19/12/2022

Lydia Tjong - Authorised Signatory - 19/12/2022