



Shantung Screen fabric by Copaco

Shantung is a unique sunscreen fabric with a textured appearance using a jacquard type weave and is as a popular alternative to conventional plain sunscreens. It is available in seven colours. Its stylish design has been very well received by retailers and consumers alike and it fills a gap that has emerged for sunscreen fabrics with more character and decorative appeal.

Technical specifications

- textured appearance using a jacquard type weave
- 12% openness
- mesh weight 458gsm +/- 5%
- mesh/inch 40 warp, 25 fill
- yarn diameter (in.) 0.020 warp, 0.020 fill
- composition – 15.5% polyester, 84.5% PVC
- fabric thickness – minimum 0.73mm, maximum 0.98mm +/- 5%
- roll width is 250cm

The range of colours and widths available includes:

Colour	Width
	250cm
White	X
Ivory	X
Stone	X
Pewter	X
Ebony	X
Silver	X
Charcoal Bronze	X

Fire Properties

- FR rating to AS1530Pt3:
 - Ignitability Index 14
 - Spread of Flame Index 0
 - Heat Evolved Index 1
 - Smoke Developed Index 7



Point-of-Sale support

An integrated swatch of the Copaco range is available to manufacturers in quantity for their own use or for distribution to their retail customer base. This swatch includes all colours from within the Shantung range.

Fabrication requirements

There are no special considerations for fabricators when using Shantung, except that good quality cutting techniques should be used. It is recommended that Shantung is cut using either crush cutting or ultrasonic cutting machinery. Of course, the performance of the fabric will ultimately be determined by the ability of the hardware system to adequately support the fabric with minimum bending and general deformation of the roller tube, especially in wide width installations.

Cut-to-length service

Shantung is available in cut lengths at a surcharge of \$10.00 per cut. Cut lengths are generally despatched within two working days of order and are available for shipment to all parts of Australia.

Key selling features

Shantung range has several features that provide competitive advantage over other screen fabric ranges sold in Australia. In particular:

- seven fast moving colours;
- roll widths 250cm;
- heavy duty weight (458gsm); and
- cost competitive.

Product warranty

Shantung is supplied with a two-year manufacturer's warranty.



Energy ratings

Energetic and light technical properties (European Standard EN14501)

Glazing A = clear single glazing 4 mm

Glazing B = clear double glazing (4/12/4), space filled with air

Glazing C = double glazing (4/16/4), with a low emissivity coating in position 3, space filled with argon

Glazing D = reflective double glazing (4/16/4), with a low emissivity coating in position 2, space filled with argon

Gv = 0.85

Gv = 0.76

Gv = 0.59

Gv = 0.32

Colour	Solar Energetic properties							Visual Properties		Fabric + Glazing											
	Fabric			Fabric + Glazing Interior				Tv = Visible Light Transmittance %	Tuv = UV transmittance %	Fabric + Glazing Interior				Fabric + Glazing Interior				Fabric + Glazing Interior			
	As = Solar Absorptance %	Rs = Solar Reflectance %	Ts = Solar Transmittance %	G-factor = total solar energy transmittance						Direct Solar Transmittance				Qi = Secondary Heat Transfer Factor				Sc = Shading Coefficient			
				Glazing A - gv = 0,85 - U = 5,8	Glazing B - gv = 0,76 - U = 2,9	Glazing C - gv = 0,59 - U = 1,2	Glazing D - gv = 0,32 - U = 1,1	Glazing A - gv = 0,85 - U = 5,8	Glazing B - gv = 0,76 - U = 2,9	Glazing C - gv = 0,59 - U = 1,2	Glazing D - gv = 0,32 - U = 1,1	Glazing A - gv = 0,85 - U = 5,8	Glazing B - gv = 0,76 - U = 2,9	Glazing C - gv = 0,59 - U = 1,2	Glazing D - gv = 0,32 - U = 1,1	Glazing A - gv = 0,85 - U = 5,8	Glazing B - gv = 0,76 - U = 2,9	Glazing C - gv = 0,59 - U = 1,2	Glazing D - gv = 0,32 - U = 1,1		
Silver	50.5	15.3	34.2	0.63	0.62	0.52	0.30	31.6	17.3	0.29	0.24	0.17	0.10	0.35	0.38	0.34	0.20	0.75	0.81	0.88	0.92
White	13.2	54.1	32.7	0.43	0.43	0.40	0.26	29.9	15.0	0.28	0.24	0.19	0.11	0.15	0.19	0.21	0.15	0.51	0.57	0.67	0.82
Ivory	14.5	53.6	31.9	0.43	0.44	0.40	0.26	29.1	14.8	0.28	0.24	0.18	0.11	0.16	0.20	0.22	0.15	0.51	0.57	0.67	0.82
Stone	34.2	39.5	26.3	0.49	0.50	0.44	0.27	22.2	14.1	0.23	0.19	0.14	0.08	0.27	0.30	0.30	0.19	0.58	0.65	0.75	0.85
Charcoal Bronze	80.0	3.9	16.1	0.66	0.65	0.55	0.30	16.1	16.1	0.13	0.11	0.08	0.04	0.52	0.54	0.47	0.26	0.77	0.86	0.93	0.94
Ebony	82.0	3.4	14.6	0.66	0.65	0.55	0.30	14.6	14.6	0.12	0.10	0.07	0.04	0.53	0.55	0.48	0.26	0.77	0.86	0.93	0.94
Pewter	72.7	6.3	21.0	0.65	0.65	0.54	0.30	20.3	16.3	0.18	0.15	0.10	0.06	0.48	0.50	0.44	0.24	0.77	0.85	0.92	0.94

