



VISUAL CONTACT OUTSIDE



COLD-CUT, CRUSH-CUT OR  
ULTRASONIC



MANUFACTURED IN THE EU



PHTHALATE-FREE

## TECHNICAL PROPERTIES

Fabric Characteristic	Standard	
Composition		85 % PVC + 15 % PES
Weight (g/ m <sup>2</sup> )	EN 12127	495 ± 5 %
Yarn/ cm	Internal method	Warp: 14 Weft: 10
Yarn diameter (mm)	Internal method	0.40
Openness factor (%)		9 %
UV blockage	-	Approximately 91 %
Thickness (mm)		0.66 ± 5 %
Light fastness (grey scale level)	EN ISO 105 B06-2002 (interior) EN ISO 105 B03:1994 (exterior) EN ISO 105 B04:1998 (exterior) EN ISO 4892-2 (exterior)	5/ 5 4/ 5 White
Light fastness (blue scale level)	EN ISO 105 B02:2002 (interior)	8/ 8 7/ 8 white
Tearing resistance (daN)	EN ISO 13937-3:2001	Warp: 6.1 Weft: 3.7
Breaking strength (daN/5cm)	EN ISO 13934-1:1999	Warp: 176 Weft: 123
Stretch (%)	EN ISO 13934-1:1999	Warp: 23 % Weft: 21 %
Corrosion in saline environment neutral fog	EN ISO 112-017:92 ISO 9227:90	Without changes in surface (max.level)
Odour test	PV-3900	3 Pass
Fire classification	EN 13773:2003 DIN 4102	Class 1 B1
Antibacterial activity	ASTM 2180-01 and ASTM G21-09	Microorganism growth inhibition
Roll size		Width 250 cm , Length 18.5 m
Printable		Yes
Recycled content		2 % Pre-consumer
Environmental & health properties	<b>Formaldehyde-free</b> and lead-free No harmful substances are used during its production process Reach compliant	



Vertical blinds



Roller blinds



Panel blinds

## SUN CONTROL PROPERTIES

Colour	% OF Approx.	% Ts	% Rs	% Tv	g <sub>tot</sub> internal Glazing C		g <sub>tot</sub> internal Glazing D		g <sub>tot</sub> external Glazing C		g <sub>tot</sub> external Glazing D		Glare Control	Night Privacy	Visual Contact	Daylight Utilisation
					g <sub>tot</sub>	Class	g <sub>tot</sub>	Class	g <sub>tot</sub>	Class	g <sub>tot</sub>	Class	Class	Class	Class	Class
White	9	26	50	23	0.38	1	0.25	2	0.17	2	0.12	3	0	1	2	2
White Linen	9	28	40	24	0.40	1	0.26	2	0.19	2	0.13	3	0	1	2	2
White Pearl	9	22	38	19	0.41	1	0.26	2	0.16	2	0.11	3	0	1	2	2
White Grey	9	17	35	16	0.42	1	0.26	2	0.13	3	0.09	4	0	1	2	2

Data measured based on to EN 410.

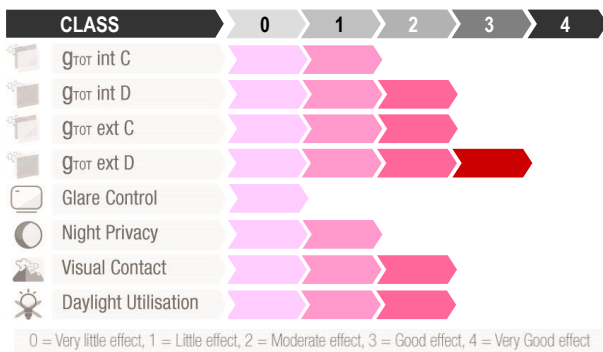
Calculations of g<sub>tot</sub> are according to EN 13363-1 and 10% frame area.

Classification of thermal and visual characteristic according to EN 14501

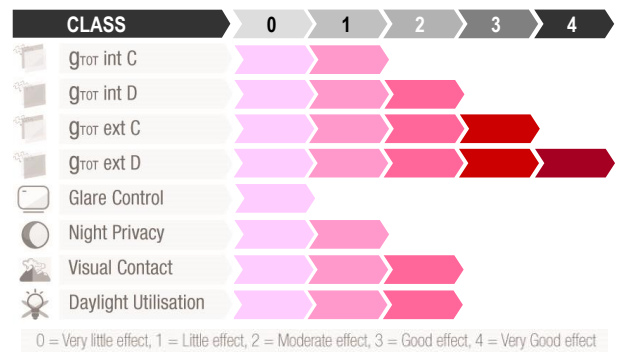
Data of g<sub>tot</sub> are given using standard Glazing C and D, though any other combination may be calculated under request.

**V.E.S.T. diagrams** (Vertisol Efficiency Scale Table), based on standard EN 14501 have been developed by Vertisol as a useful tool in the selection of the right shading for each situation:


White, White Linen, White Pearl



White Grey



All specifications are based on average values and may deviate. The values are given for guidance and are not contractual. Subject to technical modifications

<b>Environmental &amp; health properties</b>	<ul style="list-style-type: none"> <li>○ <b>Phthalate-free</b></li> <li>○ <b>Lead-free and Bisphenol A-free</b></li> <li>○ <b>Free</b> of substances on the REACH SVHC list</li> </ul>
<b>Manufacturing properties</b>	<ul style="list-style-type: none"> <li>○ Cold-cut, crush-cut or ultrasonic</li> <li>○ Welding: Thermo or ultrasonic</li> <li>○ Manufacturing direction: Blinds should not be manufactured railroaded. ↓</li> <li>○ Always stored rolls horizontally</li> </ul>
<b>Maintenance</b>	<ul style="list-style-type: none"> <li>○ Periodic maintenance: remove dust with vacuum cleaner, dry cloth or compressed air</li> <li>○ In case of accumulated dirt, it can be cleaned using a sponge or soft brush dipped in soapy water or spray cleaner. In both cases the fabric should be rinsed, leaving the curtain to dry open.</li> <li>○ Under no circumstances should solvents or abrasives that could damage the fabric coating be used, so care should be taken to avoid paint, varnish or ink stains</li> </ul> <div style="text-align: right; margin-top: 10px;">  </div>

**PRODUCT SPECIFICATIONS ROLLER**

Element	Standard	Tolerance	Remark
Length		+/-10 %	Minimum piece length= 10m (proportion of delivered rolls with the minimum piece length shall not exceed 10% of the order)
Width		+/- 2 cm	-
Color	Approved Vertisol master sample	dE≤ 1.5	Measurement using the Data-color colorimetric (CMC/ D65)
Cuts/ roll	-	No joints	-
Defect definition	Defect: any avoidable irregularities that are visible from a distance of 1 Two defects separate less than one metre, will be considered one defect		
Number of defects/ roll	-	Max. 6	
Defect marking	-	Silver label Quality map	At fabric edge
Bow-skew	-	Máx.2.0 %	Based on the total width of the fabric
Cupping	-	<b>Non-railroading direction:</b> 5mm+0.5 % of the roller blind	After 3 days rolled up
Complaints/ rejects	We only accept complaints with lot number We cannot accept rejections of defects after assembly or any processing of the delivered fabric		
Lots numbers in deliveries	There is not limit in the number of lots delivered in one delivery.		

**vertisol**  
contemporary weavers

VERTISOL INT'L SRL  
C-17, KM 18.92  
08403 Granollers  
SPAIN  
T: + 34 93 840 1444  
F: + 34 93 849 7219



ISO 9001:2015 and  
ISO 14001:2015  
certified company

Contact [vertisol@vertisol.es](mailto:vertisol@vertisol.es) for technical support

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