

FINNKAIHDIN.

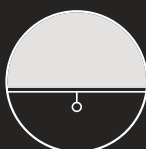
Lumeo Steel Screen OF 3%

BJ03M

FABRIC CODE

Metalized backing to combine excellent glare control, view through and thermal comfort.

For interior.



LUMEO

Valon ja varjon 360° ratkaisut.

Lumeo Steel Screen OF 3%

BJ03M

FABRIC CODE

Yarn

Technical specifications	Average Values	Standard
Titer	95 tex	ISO 1889 (2009)
Weighted composition	Warp: Glass 36%, PVC 64%	ISO 3801 (1977)
Diameter	0.28 mm	
Environment		Oekotex standard 100



Fabric

Type of fabric	PVC-coated fiberglass fabric with aluminum back
Weave pattern	basket weave
Widths	2400 mm (tolerance -0%, +5%)
Roll length (nominally)	30 m

Technical specifications	Average Values	Standard
Thickness	0.50 mm	ISO/DIS 5084.2 (1996)
Mass	401 g/m ²	ISO 3801 (1977)
	FR	NFPA 701 (2010)
Volatile organic compounds (voc)	complies	GREENGUARD
	complies	GREENGUARD Children & School
Breaking strength	warp 140 daN, weft 180 daN	ISO 13934-1 (1999)
Elongation at break	warp 3%, weft 5,2%	ISO 13934-1 (1999)
Tear resistance	warp 5,6 daN, weft 6,4 daN	ISO 4674 part 1 method A (2003)
Colorfastness (white excluded)	7-8 scale of blue	ISO 105 B02 (1994)
Air porosity	299 l/m ² /sec	ISO/DIS 9237 (1995)

Processing

General - specifications are purely indicative and may not be considered as binding. Colors may vary from the samples shown.

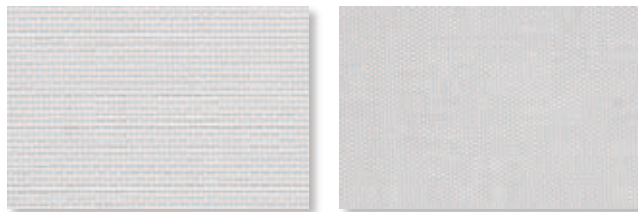
Cutting	crush or ultrasonic; railroad or width out of roll width
Welding	thermal, sewing
Cleaning	using a soft cloth

Lumeo Steel Screen fabric with an enhanced metalized back

- Now reflects up to 80% of the solar energy
- Improved thermal comfort
- Reduces the amount of di/use light transmittance
- Improved glare control and view through
- Improved visual comfort

101101 white A / B

Width: 2400 mm



Solar Heat & Light Control Properties

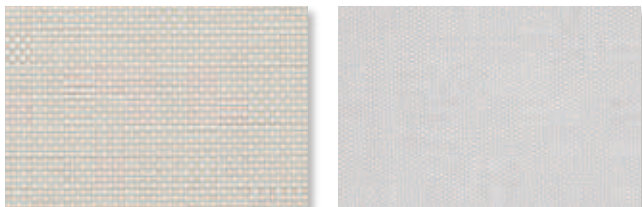
	Ts	Rs	As	Tv	TVdi&	TVdir	Tuv	TVdif-h	Glare control
A	3.3	72.0	24.7	3.1	1.3	1.8	2.1	2.5	Class 3
B	3.1	79.2	17.7	2.9	1.4	1.5	1.9	2.4	Class 3

gtot

	A	B	C	D
	int.	int.	int.	int.
A Values	0.30	0.33	0.33	0.24
A Classes	2	2	2	2
B Values	0.25	0.29	0.31	0.24
B Classes	2	2	2	2

101116 white-linen A / B

Width: 2400 mm



Solar Heat & Light Control Properties

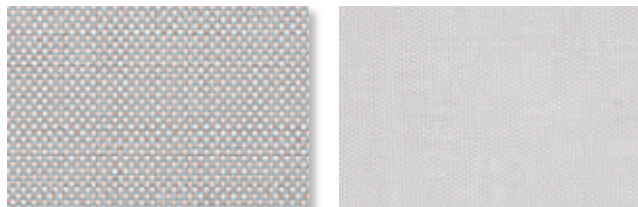
	Ts	Rs	As	Tv	TVdi&	TVdir	Tuv	TVdif-h	Glare control
A	2.7	63.8	33.5	2.5	1.1	1.4	1.6	2.0	Class 3
B	3.2	79.8	17.0	3.0	1.5	1.5	2.1	2.4	Class 3

gtot

	A	B	C	D
	int.	int.	int.	int.
A Values	0.34	0.37	0.36	0.25
A Classes	2	1	1	2
B Values	0.25	0.29	0.31	0.24
B Classes	2	2	2	2

101117 white-pearl A / B

Width: 2400 mm



Solar Heat & Light Control Properties

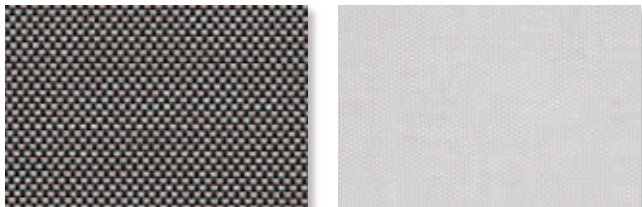
	Ts	Rs	As	Tv	TVdi&	TVdir	Tuv	TVdif-h	Glare control
A	2.9	56.4	40.7	2.7	1.0	1.7	2.1	2.1	Class 3
B	3.3	80.1	16.6	3.1	1.3	1.8	2.4	2.5	Class 3

gtot

	A	B	C	D
	int.	int.	int.	int.
A Values	0.39	0.41	0.38	0.26
A Classes	1	1	1	2
B Values	0.25	0.29	0.31	0.24
B Classes	2	2	2	2

118117 black-pearl A / B

Width: 2400 mm



Solar Heat & Light Control Properties

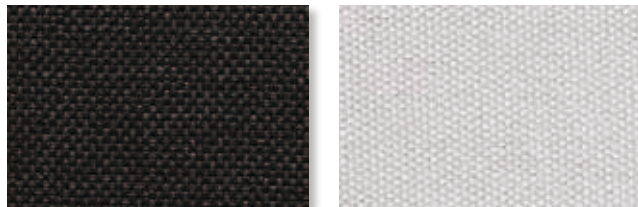
	Ts	Rs	As	Tv	TVdi&	TVdir	Tuv	TVdif-h	Glare control
A	3.7	11.3	85.0	3.6	0.4	3.2	3.5	2.7	Class 3
B	3.5	80.8	15.7	3.3	0.9	2.4	3.2	2.6	Class 3

gtot

	A	B	C	D
	int.	int.	int.	int.
A Values	0.65	0.64	0.53	0.30
A Classes	0	0	0	2
B Values	0.24	0.28	0.31	0.24
B Classes	2	2	2	2

118118 black A / B

Width: 2400 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdi&	TVdir	Tuv	TVdif-h	Glare control
A	3.0	4.9	92.1	2.9	0.3	2.6	2.9	2.2	Class 3
B	3.2	80.9	15.9	3.0	0.9	2.1	2.9	2.4	Class 3

gtot

	A	B	C	D
	int.	int.	int.	int.
A Values	0.69	0.67	0.55	0.30
A Classes	0	0	0	2
B Values	0.24	0.28	0.30	0.24
B Classes	2	2	2	2