

FINNKAIHDIN.

Lumeo Screen FR

OF 1% / 3% / 5%

BJ01A

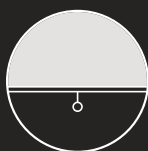
FABRIC CODE

BJ03A

BJ05A

Economic, lightweight and an explicit textile look.
Ideal for meeting different demands of openness
factors with the same weaving pattern.

For interior.

**LUMEO**

Valon ja varjon 360° ratkaisut.

Lumeo Screen FR

BJ01A

BJ03A

Yarn

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



Fabric

Type of fabric	PVC-coated fiberglass fabric	
Weave pattern	basket weave	
	OF 1%	OF 3%
Widths	fabric on rolls: 2500, 3100 mm	fabric on rolls: 2500, 3100 mm
Roll length (nominally)	30 m	30 m

Technical specifications	Average Values		Standard
	OF 1%	OF 3%	
Thickness	0.5 mm	0.5 mm	ISO/DIS 5084.2 (1996)
Mass	424 g/m ²	390 g/m ²	ISO 3801 (1977)
	M2	M2	UNE23.727-90
Fire resistance	FR	FR	NFPA 701 (2010)
	Class 2	Class 2	EN 13773
Volatile organic compounds (voc)	complies	complies	GREENGUARD
	complies	complies	GREENGUARD Children & School
Breaking strength warp/weft	240 daN / 190 daN	250 daN / 150 daN	ISO 13934-1 (1999)
Elongation at break warp/weft	6,8% / 4,2%	6,6% / 3,2%	ISO 13934-1 (1999)
Tear resistance warp/weft	7,3 daN / 7,5 daN	6,9 daN / 9,3 daN	ISO 4674 part 1 method A (2003)
Colorfastness (white excluded)	7-8 scale of blue	7 scale of blue	ISO 105 B02 (1994)
Air porosity	185 l/m4/sec	496 l/m4/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, HF, ultrasonic, sewing
Cleaning	remove dust from the fabric surface, then wipe gently with a humid soft sponge while using a mild detergent

Lumeo Screen

BJ01A OF 1%

101101 white
Widths: 2500, 3100 mm



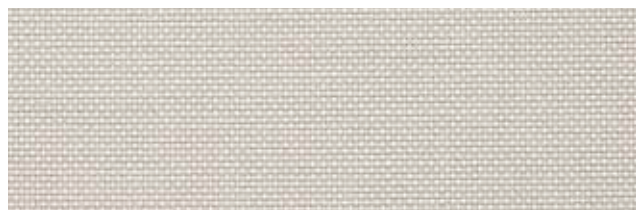
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdi)	TVdir	Tuv	TVdif-h	Glare control
	13.4	74.2	12.4	12.6	11.4	1.2	1.4	11.0	Class 1

gtot

	A	B	C	D
	int.	int.	int.	int.
Values	0.30	0.32	0.33	0.24
Classes	2	2	2	2

101116 white-linen
Widths: 2500, 3100 mm



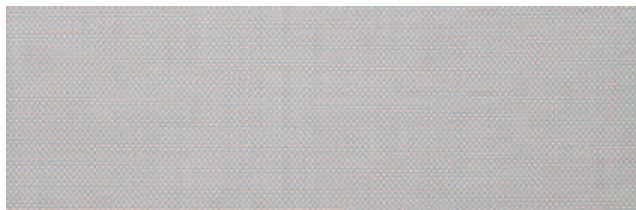
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdi)	TVdir	Tuv	TVdif-h	Glare control
	12.6	66	21.4	10.3	9.1	1.2	1.3	9.0	Class 1

gtot

	A	B	C	D
	int.	int.	int.	int.
Values	0.34	0.36	0.36	0.25
Classes	2	1	1	2

101117 white-pearl
Widths: 2500, 3100 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdi)	TVdir	Tuv	TVdif-h	Glare control
	8.2	57.6	34.2	6.7	5.6	1.1	1.2	5.8	Class 1

gtot

	A	B	C	D
	int.	int.	int.	int.
Values	0.39	0.40	0.38	0.26
Classes	1	1	1	2

116116 linen
Widths: 2500, 3100 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdi)	TVdir	Tuv	TVdif-h	Glare control
	15.1	51.2	33.7	11.2	9.5	1.7	1.9	9.7	Class 1

gtot

	A	B	C	D
	int.	int.	int.	int.
Values	0.43	0.44	0.40	0.26
Classes	1	1	1	2

117117 pearl
Widths: 2500, 3100 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdi)	TVdir	Tuv	TVdif-h	Glare control
	5.6	31.2	63.2	3.8	2.5	1.3	1.7	3.2	Class 2

gtot

	A	B	C	D
	int.	int.	int.	int.
Values	0.54	0.54	0.47	0.28
Classes	0	0	1	2

118108 black-grey
Widths: 2500, 3100 mm



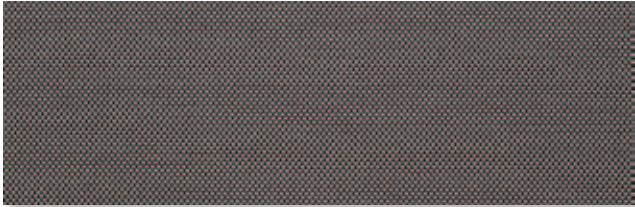
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdi)	TVdir	Tuv	TVdif-h	Glare control
	1.8	8.1	90.1	1.7	0.2	1.5	1.6	1.3	Class 3

gtot

	A	B	C	D
	int.	int.	int.	int.
Values	0.67	0.65	0.54	0.30
Classes	0	0	0	2

118117 black-pearl
Widths: 2500, 3100 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdi)	TVdir	Tuv	TVdif-h	Glare control
	1.0	12.4	86.6	0.8	0.2	0.6	0.6	0.6	Class 3

gtot

	A	B	C	D
	int.	int.	int.	int.
Values	0.64	0.63	0.53	0.30
Classes	0	0	0	2

118118 black
Widths: 2500, 3100 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdi)	TVdir	Tuv	TVdif-h	Glare control
	1.2	4.6	94.2	1.2	0.2	1.0	1.2	0.9	Class 3

gtot

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

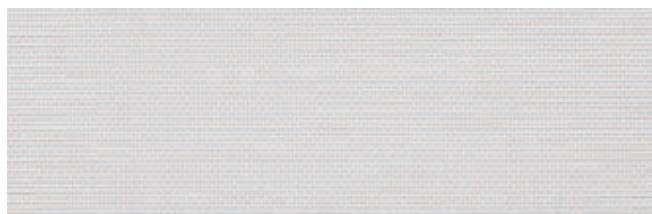


Interior | Lumeo Screen + (OF 1%)

Lumeo Screen

BJ03A OF 3%

101101 white
Widths: 2500, 3100 mm



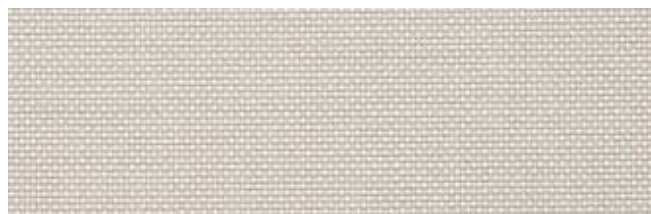
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdij	TVdir	Tuv	TVdif-h	Glare control
	16.5	71.7	11.8	15.7	12.2	3.5	3.9	13.4	Class 1

gtot

	A	B	C	D
	int.	int.	int.	int.
Values	0.32	0.34	0.34	0.25
Classes	2	2	2	2

101116 white-linen
Widths: 2500, 3100 mm



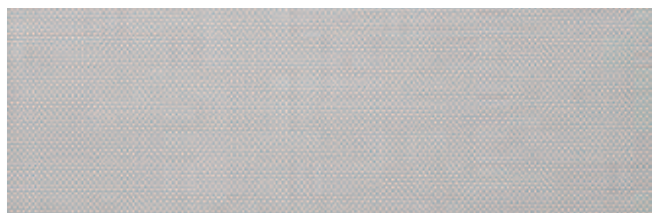
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdij	TVdir	Tuv	TVdif-h	Glare control
	15.8	64.6	19.6	13.6	10.4	3.2	3.6	11.6	Class 1

gtot

	A	B	C	D
	int.	int.	int.	int.
Values	0.36	0.37	0.36	0.25
Classes	1	1	1	2

101117 white-pearl
Widths: 2500, 3100 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdij	TVdir	Tuv	TVdif-h	Glare control
	12.1	57.2	30.7	10.6	7.3	3.3	3.7	8.9	Class 1

gtot

	A	B	C	D
	int.	int.	int.	int.
Values	0.39	0.41	0.38	0.26
Classes	1	1	1	2

116116 linen
Widths: 2500, 3100 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdij	TVdir	Tuv	TVdif-h	Glare control
	17.7	49.5	32.8	14.0	10.6	3.4	4.0	11.9	Class 1

gtot

	A	B	C	D
	int.	int.	int.	int.
Values	0.45	0.45	0.41	0.27
Classes	1	1	1	2

117117 pearl

Widths: 2500, 3100 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdi)	TVdir	Tuv	TVdif-h	Glare control
	8.4	31	60.6	6.6	3.3	3.3	3.8	5.4	Class 2

gtot

	A	B	C	D
	int.	int.	int.	int.
Values	0.54	0.54	0.47	0.28
Classes	0	0	1	2

118108 black-grey

Widths: 2500, 3100 mm



Solar Heat & Light Control Properties

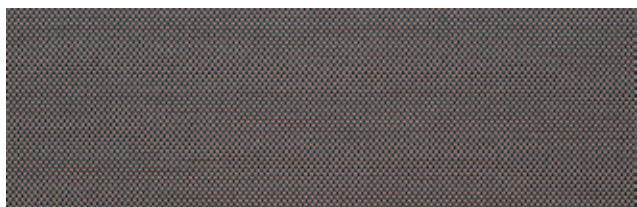
	Ts	Rs	As	Tv	TVdi)	TVdir	Tuv	TVdif-h	Glare control
	4.1	7.2	88.7	4.0	0.5	3.5	4.0	3.0	Class 3

gtot

	A	B	C	D
	int.	int.	int.	int.
Values	0.68	0.66	0.54	0.30
Classes	0	0	0	2

118117 black-pearl

Widths: 2500, 3100 mm



Solar Heat & Light Control Properties

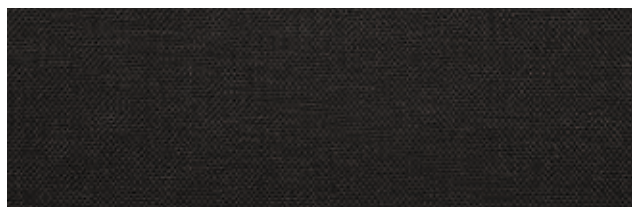
	Ts	Rs	As	Tv	TVdi)	TVdir	Tuv	TVdif-h	Glare control
	3.4	11	85.6	3.1	0.6	2.5	2.9	2.4	Class 3

gtot

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

118118 black

Widths: 2500, 3100 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdi)	TVdir	Tuv	TVdif-h	Glare control
	4.5	4.3	91.2	4.4	0.5	3.9	4.4	3.3	Class 3

gtot

	A	B	C	D
	int.	int.	int.	int.
Values	0.69	0.67	0.55	0.31
Classes	0	0	0	2



FINNKAIHDIN.

Lumeo Screen FR

BJ05A

Yarn

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



Fabric

Type of fabric	PVC-coated fiberglass fabric
Weave pattern	basket weave
	OF 5%
Widths	fabric on rolls: 2500, 3100 mm Vertical vanes: 89, 127 mm
Roll length (nominally)	30 m

Technical specifications	Average Values	Standard
	OF 5%	
Thickness	0.4 mm	ISO/DIS 5084.2 (1996)
Mass	393 g/m ²	ISO 3801 (1977)
	M2	UNE23.727-90
Fire resistance	FR	NFPA 701 (2010)
	Class 2	EN 13773
Volatile organic compounds (voc)	complies	GREENGUARD
	complies	GREENGUARD Children & School
Breaking strength warp/weft	200 daN / 220 daN	ISO 13934-1 (1999)
Elongation at break warp/weft	5,6% / 5,6%	ISO 13934-1 (1999)
Tear resistance warp/weft	7,9 daN / 8,4 daN	ISO 4674 part 1 method A (2003)
Colorfastness (white excluded)	7 scale of blue	ISO 105 B02 (1994)
Air porosity	721 l/m4/sec	ISO/DIS 9237 (1995)

Processing

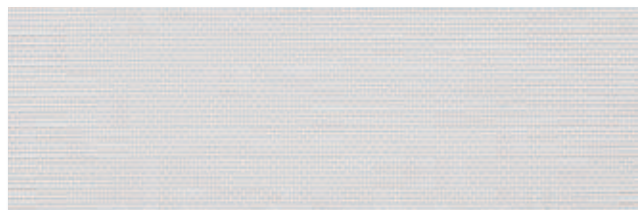
General - specifications are purely indicative and may not be considered as binding. Colors may vary from the samples shown

Cutting	crush or ultrasonic; railroad or width out of roll width
Welding	thermal, HF, ultrasonic, sewing
Cleaning	remove dust from the fabric surface, then wipe gently with a humid soft sponge while using a mild detergent

Lumeo Screen FR

BJ05A
OF 5%

101101 white
Widths: 2500, 3100 mm



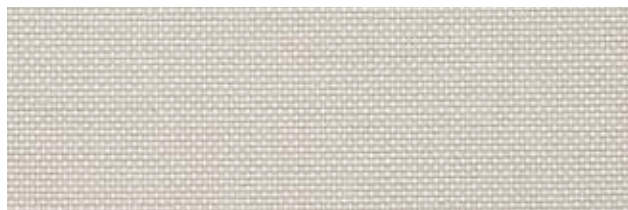
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdi&	TVdir	Tuv	TVdif-h	Glare control
	18.7	70.1	11.2	17.9	11.3	6.6	7.1	14.9	Class 0

gtot

	A	B	C	D
	int.	int.	int.	int.
Values	0.33	0.35	0.34	0.25
Classes	2	1	2	2

101116 white-linen
Widths: 2500, 3100 mm



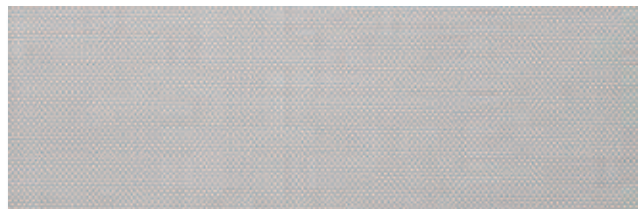
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdi&	TVdir	Tuv	TVdif-h	Glare control
	16.5	61.7	21.8	13.9	9.2	4.7	5.2	11.7	Class 1

gtot

	A	B	C	D
	int.	int.	int.	int.
Values	0.37	0.39	0.37	0.25
Classes	1	1	1	2

101117 white-pearl
Widths: 2500, 3100 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdi&	TVdir	Tuv	TVdif-h	Glare control
	12.1	51.6	36.3	10.3	5	5.3	5.8	8.4	Class 0

gtot

	A	B	C	D
	int.	int.	int.	int.
Values	0.43	0.44	0.40	0.26
Classes	1	1	1	2

116116 linen
Widths: 2500, 3100 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdi&	TVdir	Tuv	TVdif-h	Glare control
	18.3	49.8	31.9	14.5	8.8	5.7	6.2	12.0	Class 0

gtot

	A	B	C	D
	int.	int.	int.	int.
Values	0.45	0.45	0.41	0.27
Classes	1	1	1	2

117117 pearl
Widths: 2500, 3100 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdi&	TVdir	Tuv	TVdif-h	Glare control
	10.3	32.6	57.1	8.5	2.8	5.7	6.1	6.7	Class 1

gtot

	A	B	C	D
	int.	int.	int.	int.
Values	0.54	0.53	0.46	0.28
Classes	0	0	1	2

118108 black-grey
Widths: 2500, 3100 mm



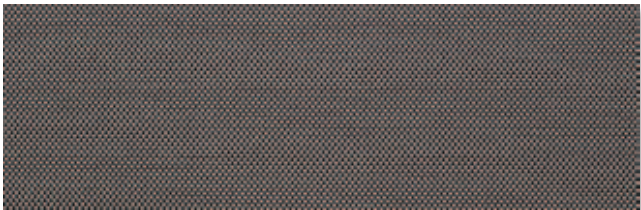
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdi&	TVdir	Tuv	TVdif-h	Glare control
	6.1	10.1	83.8	5.6	0.7	4.9	5.3	4.2	Class 3

gtot

	A	B	C	D
	int.	int.	int.	int.
Values	0.66	0.65	0.54	0.30
Classes	0	0	0	2

118117 black-pearl
Widths: 2500, 3100 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdi&	TVdir	Tuv	TVdif-h	Glare control
	6.4	15.1	78.5	6.1	0.8	5.3	5.7	4.6	Class 1

gtot

	A	B	C	D
	int.	int.	int.	int.
Values	0.63	0.62	0.52	0.30
Classes	0	0	0	2

118118 black
Widths: 2500, 3100 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdi&	TVdir	Tuv	TVdif-h	Glare control
	7.4	3.7	88.9	7.3	0.5	6.8	7.3	5.5	Class 1

gtot

	A	B	C	D
	int.	int.	int.	int.
Values	0.70	0.68	0.56	0.31
Classes	0	0	0	2



Interior | Lumeo Screen + (OF 5%)

MYynti JA ASENNUS

FINNKAIHDIN.

Sahaajankatu 21, 00880 Helsinki

LUMEO

Valon ja varjon 360° ratkaisut.