

SCREEN FABRICS COLLECTION FOR ROLLER BLINDS – TECHNICAL PARAMETERS

Fabric code	PG – price group	OF - Fabric openness factor	Fabric weight (gr/m²)	Fabric thickness (mm)	Fabric composition: PVC – polyvinyl chloride PES - polyester	FR - flame resistant fabrics	OekoTex Standard 100 approved.	Max. width of fabric roll (cm)	Fabric rotation	Type of product				Max. height of roller blind in cassette					TV – visible light transmission %	Thermal properties			N,E,S,W values				Suitable for moist conditions	Wet cleaning	Colour of bottom bar (serving as fabric weight) - manufacturer's standardisation*
										Fantazja RM18	RM32, RM40 RM45, RM55	SKY	Panel	RM32		RM40	RM45	RM55		R _s (%)	A _s (%)	T _s (%)	N - north -20%	E - east - 6%	S - south - 5%	W - west - 6%			
														Manual operation	Motorised														
G101	C	1%	480	0,68	70%PVC/30%PES	DIN 4102, Class B1, NFPA 701, UNE-EN 13773:2003, Class 1	▪	250	▪		▪			1630	1600	4000	3810	2570	9	72	15	13	▪				▪	▪	white RAL 9003
G102	C	1%	480	0,68	70%PVC/30%PES		▪	250	▪		▪			1630	1600	4000	3810	2570	11	70	15	15	▪				▪	▪	white RAL 9003
G103	C	1%	480	0,68	70%PVC/30%PES		▪	250	▪		▪			1630	1600	4000	3810	2570	7	67	22	11	▪				▪	▪	ivory RAL 1013
G104	C	1%	480	0,68	70%PVC/30%PES		▪	250	▪		▪			1630	1600	4000	3810	2570	5	55	37	8	▪	▪	▪	▪	▪	▪	gray RAL 7035
G105	C	1%	480	0,68	70%PVC/30%PES		▪	250	▪		▪			1630	1600	4000	3810	2570	5	46	45	9	▪	▪	▪	▪	▪	▪	ivory RAL 1013
G106	C	1%	480	0,68	70%PVC/30%PES		▪	250	▪		▪			1630	1600	4000	3810	2570	1	33	64	3	▪	▪	▪	▪	▪	▪	gray RAL 7035
G107	C	1%	480	0,68	70%PVC/30%PES		▪	250	▪		▪			1630	1600	4000	3810	2570	1	10	90	0	▪	▪	▪	▪	▪	▪	anthracite RAL 7016
G108	C	1%	480	0,68	70%PVC/30%PES		▪	250	▪		▪			1630	1600	4000	3810	2570	1	4	96	0	▪	▪	▪	▪	▪	▪	black RAL 9005
G109	C	1%	480	0,68	70%PVC/30%PES		▪	250	▪		▪			1630	1600	4000	3810	2570	1	6	94	0	▪	▪	▪	▪	▪	▪	brown RAL 8019
G301	C	3%	470	0,58	70%PVC/30%PES	DIN 4102, Class B1, NFPA 701, UNE-EN 13773:2003, Class 1	▪	300	▪		▪			2040	1710	4000	4330	2970	12	70	14	16	▪				▪	▪	white RAL 9003
G302	C	3%	470	0,58	70%PVC/30%PES		▪	300	▪		▪			2040	1710	4000	4330	2970	12	72	13	15	▪				▪	▪	white RAL 9003
G303	C	3%	470	0,58	70%PVC/30%PES		▪	300	▪		▪			2040	1710	4000	4330	2970	8	63	25	12	▪				▪	▪	ivory RAL 1013
G304	C	3%	470	0,58	70%PVC/30%PES		▪	300	▪		▪			2040	1710	4000	4330	2970	7	51	39	10	▪				▪	▪	gray RAL 7035
G305	C	3%	470	0,58	70%PVC/30%PES		▪	300	▪		▪		▪	2040	1710	4000	4330	2970	8	43	46	11	▪				▪	▪	ivory RAL 1013
G306	C	3%	470	0,58	70%PVC/30%PES		▪	300	▪		▪		▪	2040	1710	4000	4330	2970	3	33	62	5	▪	▪	▪	▪	▪	▪	gray RAL 7035
G307	C	3%	470	0,58	70%PVC/30%PES		▪	300	▪		▪		▪	2040	1710	4000	4330	2970	3	12	86	2	▪	▪	▪	▪	▪	▪	anthracite RAL 7016
G308	C	3%	470	0,58	70%PVC/30%PES		▪	300	▪		▪		▪	2040	1710	4000	4330	2970	3	5	93	2	▪	▪	▪	▪	▪	▪	black RAL 9005
G309	C	3%	470	0,58	70%PVC/30%PES		▪	300	▪		▪		▪	2040	1710	4000	4330	2970	3	7	91	2	▪	▪	▪	▪	▪	▪	brown RAL 8019
G501	B	5%	410	0,55	70%PVC/30%PES	DIN 4102, Class B1, NF P 92 503-507, Class M1, NFPA 701, UNE-EN 13773:2003, Class 1	▪	300	▪		▪		▪	2020	1850	4000	4730	3170	13	68	15	17	▪				▪	▪	white RAL 9003
G502	B	5%	410	0,55	70%PVC/30%PES		▪	300	▪		▪		▪	2020	1850	4000	4730	3170	15	70	12	18	▪				▪	▪	white RAL 9003
G503	B	5%	410	0,55	70%PVC/30%PES		▪	300	▪		▪		▪	2020	1850	4000	4730	3170	19	57	21	22	▪				▪	▪	ivory RAL 1013
G504	B	5%	410	0,55	70%PVC/30%PES		▪	300	▪		▪		▪	2020	1850	4000	4730	3170	9	49	39	12	▪				▪	▪	gray RAL 7035
G505	B	5%	410	0,55	70%PVC/30%PES		▪	300	▪		▪		▪	2020	1850	4000	4730	3170	10	41	46	13	▪				▪	▪	ivory RAL 1013
G506	B	5%	410	0,55	70%PVC/30%PES		▪	300	▪		▪		▪	2020	1850	4000	4730	3170	7	33	58	9	▪				▪	▪	gray RAL 7035
G507	B	5%	410	0,55	70%PVC/30%PES		▪	300	▪		▪		▪	2020	1850	4000	4730	3170	6	14	80	6	▪	▪	▪	▪	▪	▪	anthracite RAL 7016
G508	B	5%	410	0,55	70%PVC/30%PES		▪	300	▪		▪		▪	2020	1850	4000	4730	3170	5	4	91	5	▪	▪	▪	▪	▪	▪	black RAL 9005
G509	B	5%	410	0,55	70%PVC/30%PES		▪	300	▪		▪		▪	2020	1850	4000	4730	3170	5	7	90	3	▪	▪	▪	▪	▪	▪	brown RAL 8019

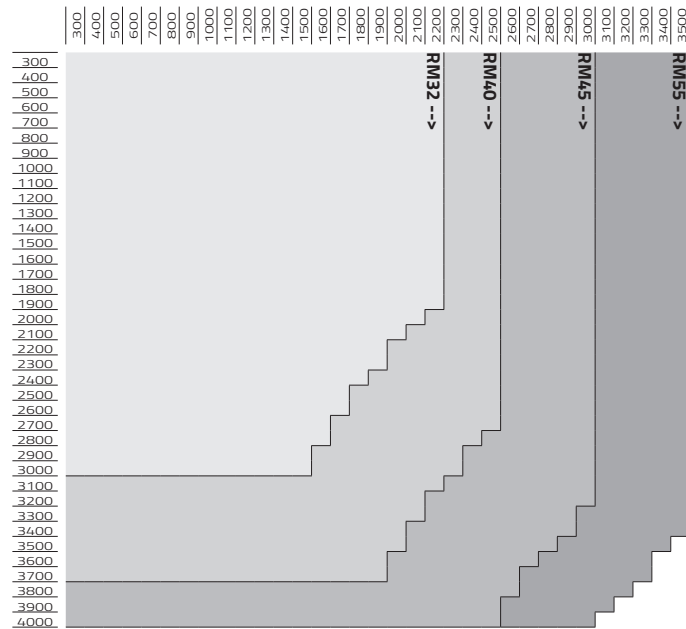
*bottom bar is **not available** as fabric wrapped / W4,W5,W6 bars are unavailable

Lightfastness - ISO 105-B02: 2014 class 8 – is a property of a colourant such as fabric dye or pigment that describes how resistant to fading it is when exposed to light. Dyes have different levels of resistance to light.

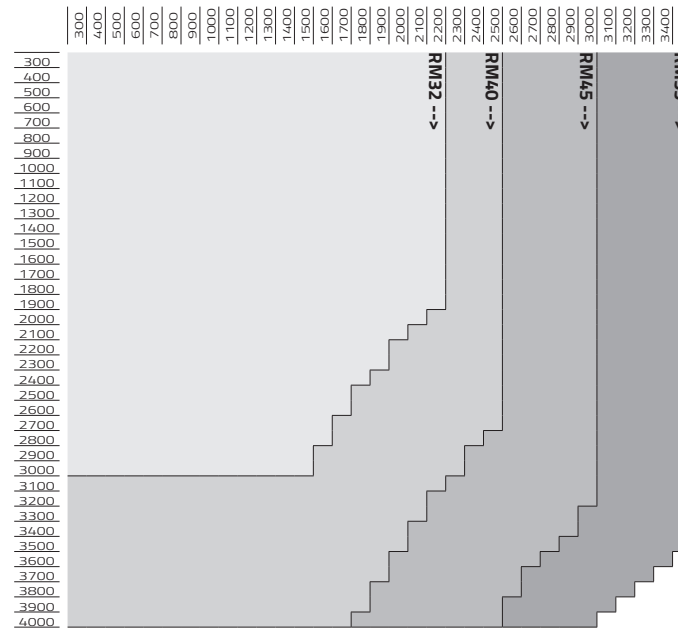
The coefficient is represented by the scale from 1 to 8 – with 1 reflecting the lowest and 8 the highest level of resistance to light.

Max. product dimensions depending on the thickness of fabric used – roller blind with and without cassette – manual operation

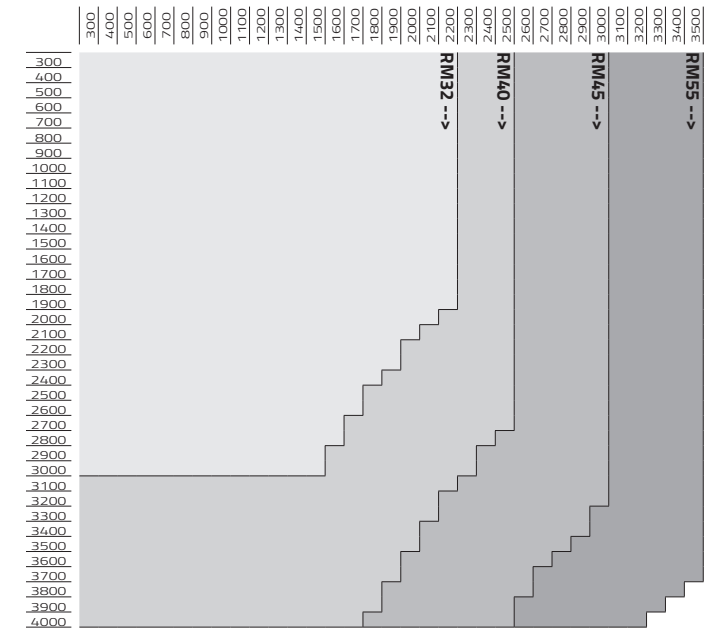
G101, G102, G103, G104, G105, G106, G107, G108, G109 – no cassette



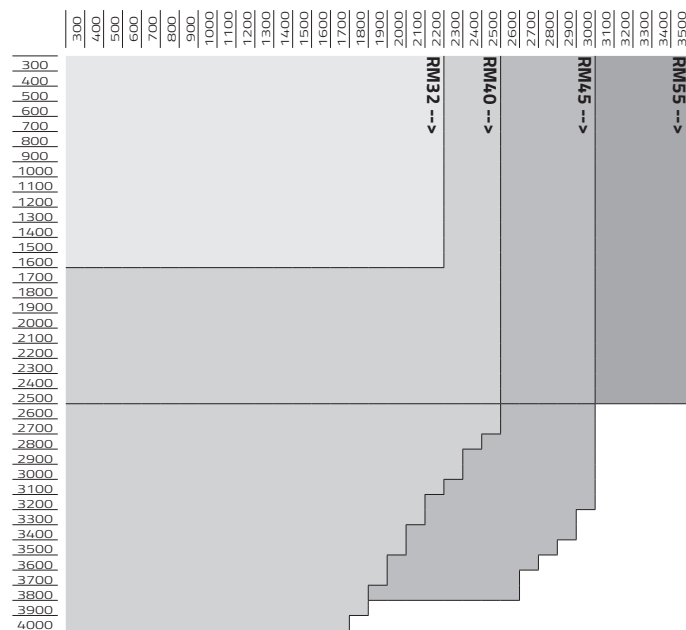
G301, G302, G303, G304, G305, G306, G307, G308, G309 – no cassette



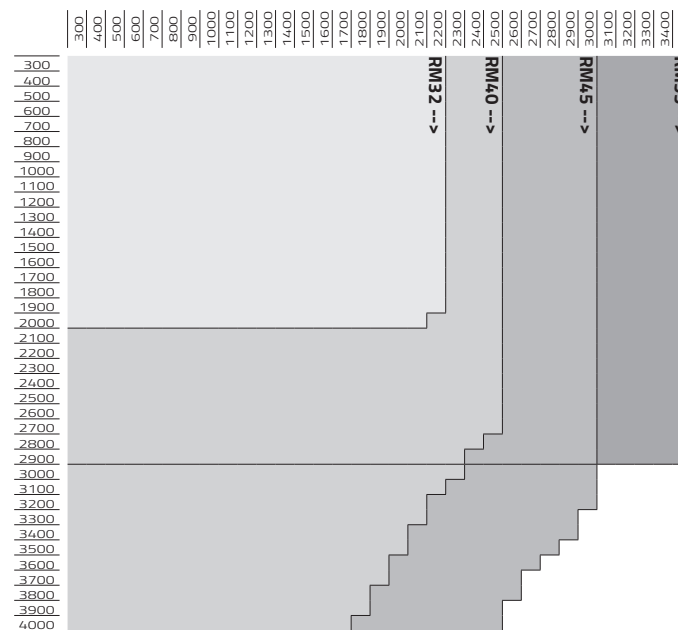
G501, G502, G503, G504, G505, G506, G507, G508, G509 – no cassette



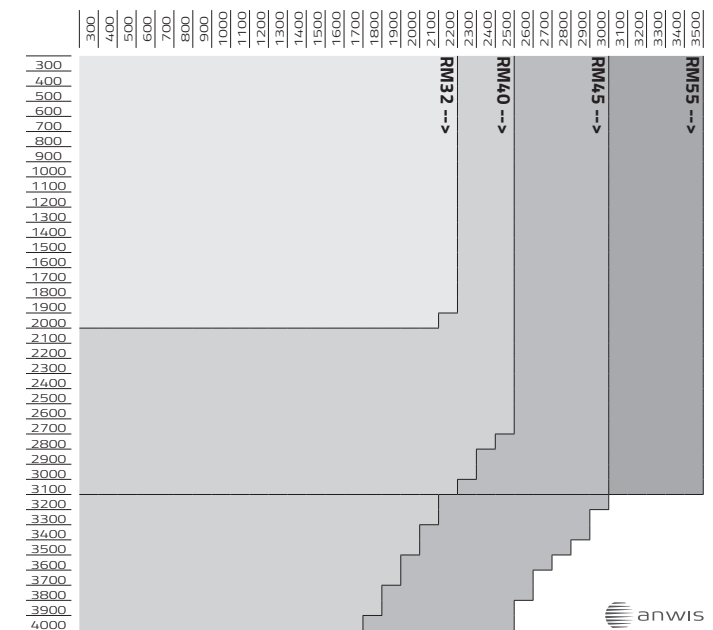
G101, G102, G103, G104, G105, G106, G107, G108, G109 – in cassette



G301, G302, G303, G304, G305, G306, G307, G308, G309 – in cassette

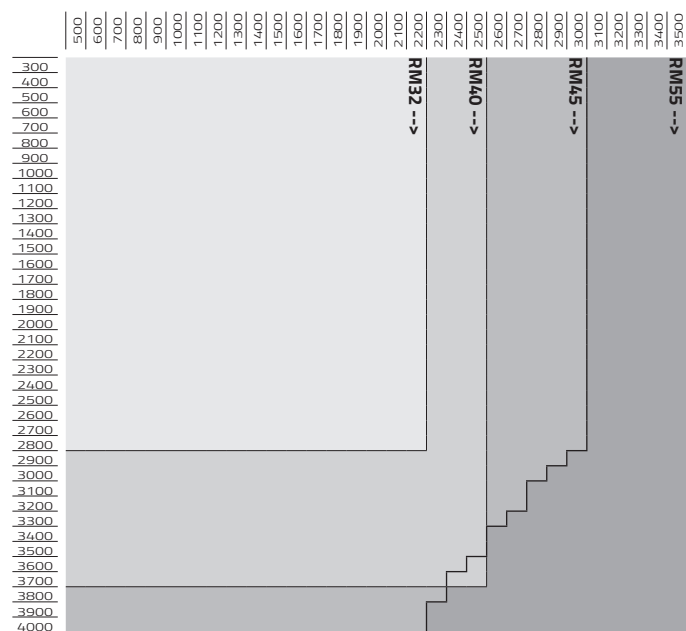


G501, G502, G503, G504, G505, G506, G507, G508, G509 – in cassette

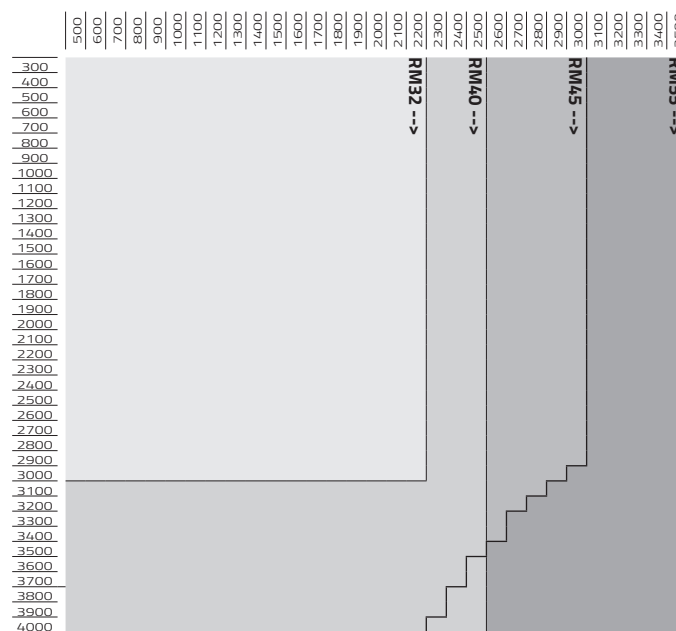


Max. product dimensions depending on the thickness of fabric used – roller blind with and without cassette – motorised

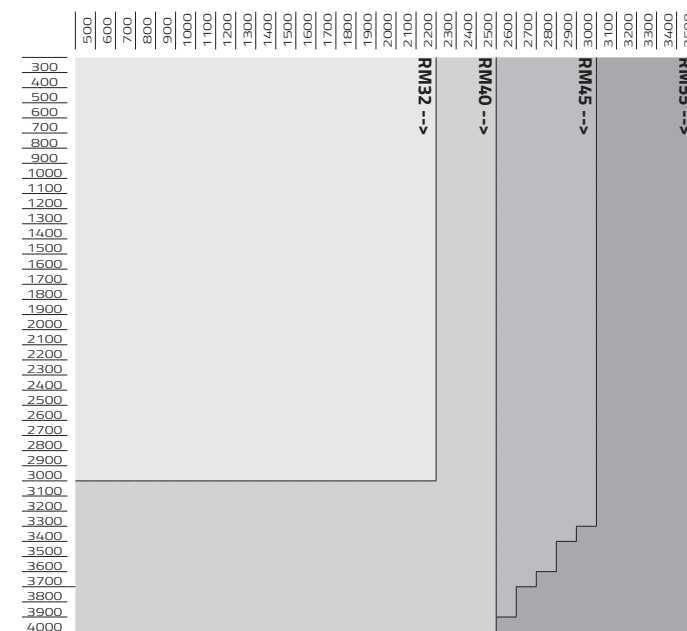
G101, G102, G103, G104, G105, G106, G107, G108, G109 – no cassette



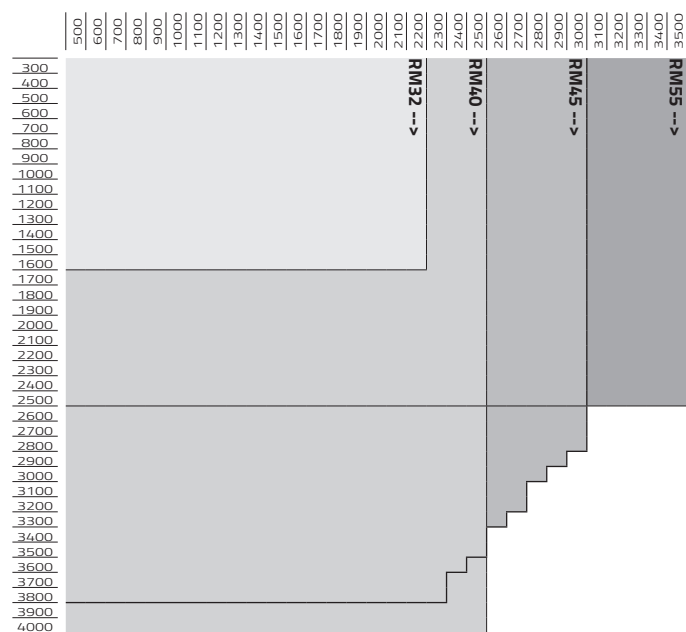
G301, G302, G303, G304, G305, G306, G307, G308, G309 – no cassette



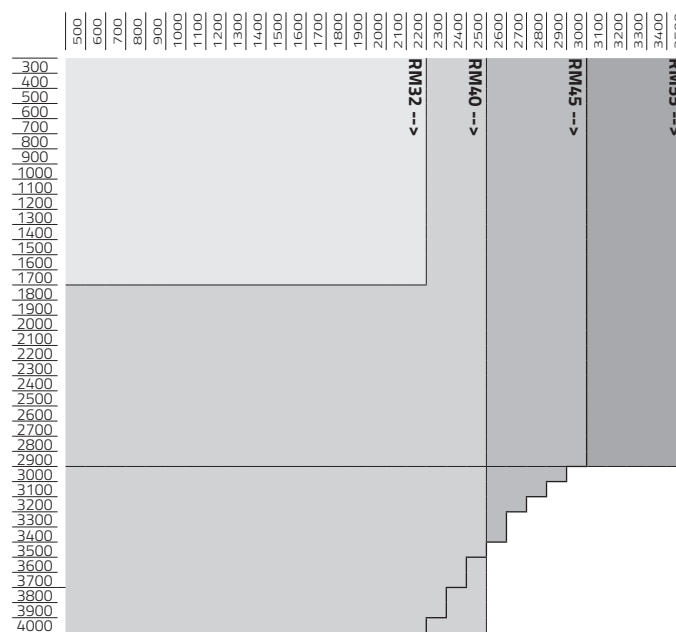
G501, G502, G503, G504, G505, G506, G507, G508, G509 – no cassette



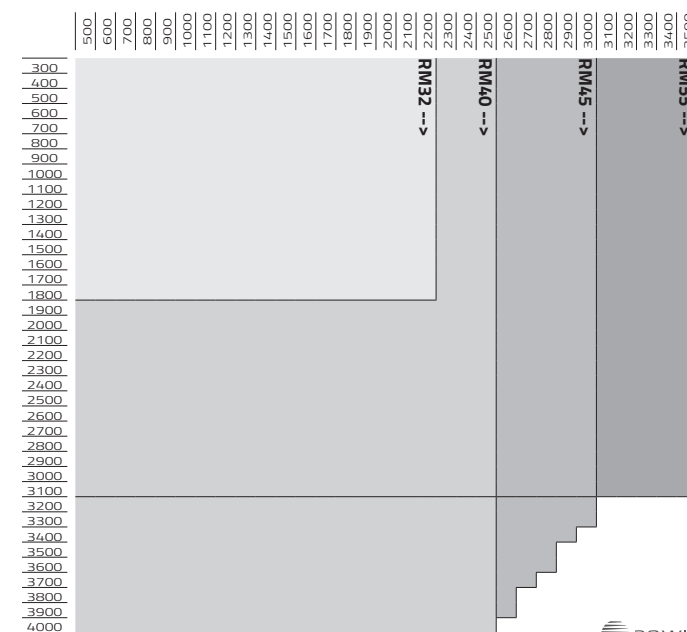
G101, G102, G103, G104, G105, G106, G107, G108, G109 – in cassette



G301, G302, G303, G304, G305, G306, G307, G308, G309 – in cassette



G501, G502, G503, G504, G505, G506, G507, G508, G509 – in cassette



Motors from the 'IV' range cannot be used in RM40 system.

SCREEN FABRICS COLLECTION FOR ROLLER BLINDS – KEY TERMS EXPLAINED

R + A + T factors

Light Reflection (R_s)

– degree of reflection, indicates how much light is reflected by the fabric ($R_s + A_s + T_s = 100\%$).

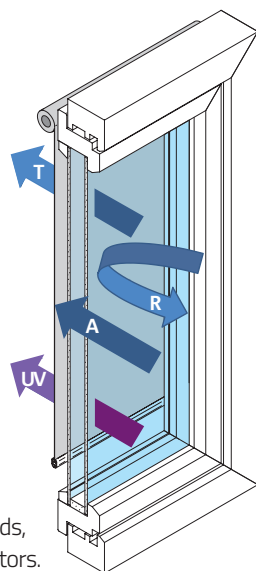
Light Absorption (A_s)

– degree of absorption, indicates how much of the light is absorbed by the fabric ($R_s + A_s + T_s = 100\%$).

Light Transmission (T_s)

– degree of transmission, indicates how much light passes through the fabric ($R_s + A_s + T_s = 100\%$).

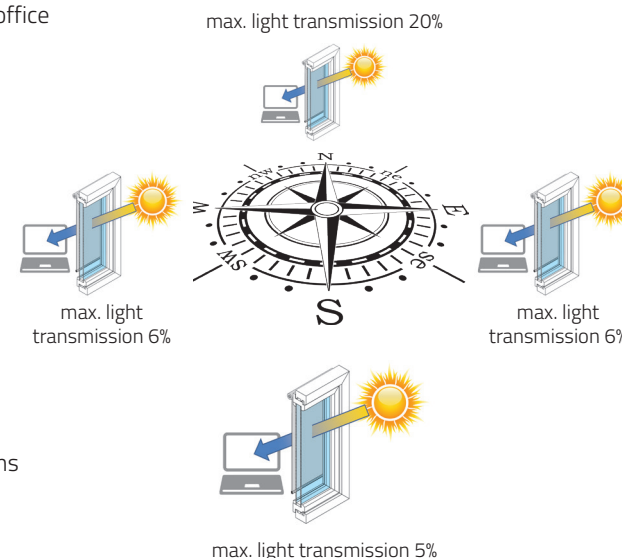
PLEASE NOTE: effects caused by ventilation, various installation methods, glass pane etc. are not taken into account while determining R+A+T factors.



NESW factors – glare reduction in office environment:

N (North) – max 20%,
E (East) – max 6%,
S (South) – max 5%,
W (West) – max 6%

The intensity of sunlight varies from each of the four directions depending on the geographical location of the window. The maximum permissible transmission level according to EU guidelines is given as percentage for each geographical direction. The ideal value for workstations is 500 – 1.500 lux.



Fabric openness factor – refers to how tightly the fabric is woven.

OEKO-TEX STANDARD 100

Oeko-tex Standard 100 is a globally uniform testing and certification system for textile raw materials, intermediate and end products at all stages of production.

The tests for harmful substances comprise substances which are prohibited or regulated by law, chemicals which are known to be harmful to health, and parameters which are included as a precautionary measure to safeguard health.

G101	G102	G103	G104	G105	G106	G107	G108	G109
G301	G302	G303	G304	G305	G306	G307	G308	G309
G501	G502	G503	G504	G505	G506	G507	G508	G509
white RAL 9003	white RAL 9003	ivory RAL 1013	gray RAL 7035	ivory RAL 1013	gray RAL 7035	anthracite RAL 7016	black RAL 9005	brown RAL 8019

Colour of bottom bar* (serving as fabric weight) - manufacturer's standardisation

*bottom bar is **not available** as fabric wrapped / W4,W5,W6 bars are unavailable

PLEASE NOTE

Slight variations may occur between colours and patterns in the catalogue and those of the final product.

All the data are average values gained from random material examinations. They may be subject to change during the process of production and subsequent use in accordance with generally accepted tolerances, modifications and technical improvements introduced.

