

MISTLASS

Mistlass/Lumicool Optical Performance*

	Visible Rays	Ultraviolet Rays	Insolation			Shading Coefficient	Heat Transmission Coefficient	Shutter-proof	UV Resistance	Non-flammable	Surface	Width	Length
	Transmission	Transmission	Transmission	Reflectivity	Absorbency								
MST Series													
MST-5000 Superwhite	41	<1	43	25	32	0.62	6.0	○	○	○	Matt	1250	30
MST-5001 White mist	71	<1	68	16	16	0.83	6.0	○	○	○	Matt	1250	30
MST-5002 Mist	86	<1	82	8	10	0.97	6.0	○	○	○	Matt	970/1250	30
MST-5003 Fine mist	84	<1	79	10	11	0.94	6.0	○	○	○	Matt	1250	30
MST-5011 Washi	56	<1	57	22	21	0.73	6.0	○	○	○	Matt	1250	30
MST-5012 Soft	63	<1	63	16	21	0.80	6.0	○	○	○	Matt	1250	30
MST-5021 White pleats	78	<1	75	16	9	0.89	6.0	○	○	○	Hard Coat	1250	30
MST-5022 Punched	42	<1	46	33	21	0.34	6.0	○	○	○	Hard Coat	1250	30
MST-5023 White dots	63	<1	61	15	24	0.79	6.0	○	○	○	Hard Coat	1250	30
MST-5031 Gradation	50	<1	52	22	26	0.70	6.0	○	○	○	Hard Coat	1250	30
MST-5032 Wave	48	<1	50	23	27	0.68	6.0	○	○	○	Hard Coat	1250	30
MST-1301	70	<1	68	15	17	0.84	6.0	○	○	○	Matt	970/1250	50
MSV Series													
MSV-1001 Matt	87	<1	83	8	9	0.98	6.0	–	○	–	Matt	1250	30
MSV-1002 Textured matt	88	<1	84	7	9	0.99	6.0	–	○	–	Matt	970/1250	30
MSV-1002C Textured matt	88	<1	84	7	9	0.99	6.0	–	○	–	Matt	1250	30
MSV-1003 Matt blue	67	<1	71	7	22	0.89	6.0	–	○	–	Matt	1250	30
MSV-1004 Pearl green	50	<1	54	22	24	0.71	6.0	–	○	–	Matt	1250	30
MSV-1005 Crossroad	86	<1	79	8	13	0.95	6.0	–	○	–	Matt	1250	30
MSV-1006 Carbon	88	<1	82	8	10	0.97	6.0	–	○	–	Matt	1250	30
MSV-1007 Scrabble	84	<1	78	8	14	0.94	6.0	–	○	–	Matt	1250	30
MSV-1011 Rice Paper	69	<1	68	14	18	0.84	6.0	–	○	–	Matt	1250	30

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Heat Cracking

When applying window films, the temperature of glass rises and it may cause cracks. Conditions that could cause heat crack:

- The type of the glass
- The azimuth of the glass
- The shape/size of the window
- The installation situation of the window
- The type of graphic and absorption of heat

Caution

Mistlass window film is designed for indoor use only.

Not recommend for extremely humid environments like bathrooms and swimming pools.

Due to the material LOT #, there can be slight difference of color and texture.

Please use the same LOT when you use for adjacent area.

Some patterned Mistlass materials may have a different pitch due to splicing.

MSG Series

MSG series are manufactured using glass beads.

Due to characteristic of the print, it may cause the different pitch of printing or differences of color quality.

MSG series are not scratch resistant. Please handle with care.

About Interference Fringes

With products containing an abrasion resistant hard coat, a small haloing effect may appear under a fluorescent lamp or reflected sunlight.

This phenomenon is caused by reciprocal action between hard coat and light of the wave length. The film surface is sometimes visible as a rainbow color.

Maintenance after Installation

Cleaning

- As for usual cleaning, use a soft cloth and rinse with water. When the soiling is terrible, wash with neutral detergent and rinse well with water.
- Do not use ammonia, chlorine, or an organic type of detergent.
- Do not use cleanser, rough cloth, or paper towel to avoid the possibility of damaging the film surface.
- If you are joining film surfaces, please wipe according to the join.
- If the film is printed, spray the soft cloth first and then wipe the film. Do not marinate the ink in any fluids.
- If the film is printed by ink jet, we recommend wetting the soft cloth first with water and a neutral cleaning agent and then wiping the graphic.
We do not recommend spraying solution directly onto the ink jet surface.

