

# Decorative Film

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THE RETROFIT SOLUTION TO  
HIGH PERFORMANCE GLAZING



## Decorative Films

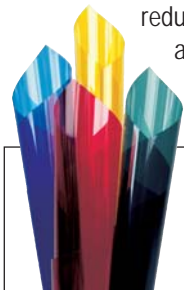
Typical solar properties with film mounted to 3mm clear glass.

	% Solar Transmittance	% Solar Reflectance	% Solar Absorptance	% Visible Light Transmittance	% Visible Light Reflected	Winter Median "U" Value	Shading Coefficient	% Ultraviolet Rejected	Emissivity	% Total Solar Energy Rejected	Luminous Efficacy	% Solar Heat Reduction	% Glare Reduction
<b>Privacy Matte Films</b>													
NRMPS2 (frosted)	69	20	11	75	25	1.02	.84	98	.84	27	.89	16	17
NRMBPS2 (bronze)	50	13	37	36	11	1.03	.69	98	.84	39	.52	31	60
RMPS2 (silver)	13	57	30	16	60	1.03	.24	99	.72	79	.67	76	82
NRMMP3 (black)	0	5	95	0	6	1.02	.34	100	.84	71	0	66	100
NRMWPS3 (white)	18	66	16	14	87	1.03	.25	99	.84	77	.56	75	84
<b>Decorative Frosted Films</b>													
NRMFSSRHPR (stripes)	72	17	11	73	20	1.03	.90	99	.84	21	.81	10	17
NRMFTLSRHPR (thin lines)	70	19	11	73	20	1.03	.84	99	.84	27	.86	16	20
NRMFBSRHPR (bands)	63	19	18	63	23	1.03	.80	99	.84	30	.79	20	28
NRMFSQSRHPR (squares)	68	16	16	69	20	1.03	.87	99	.84	23	.79	13	22
NRMMSQPS (matte squares)	61	20	19	61	25	1.03	.75	99	.84	34	.80	25	33
NRMFSDSRHPR (small dots)	78	12	10	82	13	1.03	.94	99	.84	19	.87	6	9
NRMFMDSRHPR (mini-dots)	76	12	12	81	15	1.03	.91	99	.84	21	.89	9	10
FROSTED SPARKLE	70	16	14	73	19	1.03	.85	83	.84	26	.86	15	17
RICE PAPER	63	23	14	67	25	1.01	.77	99	.84	33	.87	23	26
<b>Graphic Arts Films (interior application recommended)</b>													
DECOREDSRHPR	59	8	33	26	8	1.03	.79	98	.84	31	.33	16	70
DECOYELLOWSRHPR	73	9	18	85	8	1.03	.90	98	.84	22	.94	10	6
DECOBLUESRHPR	61	8	31	28	8	1.03	.80	98	.84	30	.35	15	68
DECOGREENSRHPR	46	7	47	32	8	1.03	.68	98	.84	41	.47	28	64

LLumar glass treatment films are manufactured exclusively by **CPFilms Inc., a Unit of Solutia**. All data has been measured in accordance with ASTM, ASHRAE, and AIMCAL standards using NFRC methodology with LBNL's Window 5.0 software. All values averaged from routinely accumulated quality control data.

## Endless Design Possibilities

LLumar decorative films offer endless design possibilities from a basic palette of colored, translucent, opaque, and geometric patterned films. Decorative films add a subtle, stylish and effective level of privacy and glare reduction to any flat glass application.



**Introducing  
Graphic Arts  
Film by LLumar!**

Decorative films are a **cost effective**, versatile alternative to the traditional method of acid etched patterned glass. Custom effects are limited only by your creative imagination, a willingness to experiment, and a knowledgeable installer. Frosted films allow good use of available ambient light while **enhancing privacy**, making them an excellent choice for hotels, restaurants and storefronts. Used alone or combined with patterned film, these films can **eliminate the need for blinds**, **reduce eye strain** and help improve conditions for office employees and building tenants.

Decorative films are designed for interior application and can be retrofitted on existing glass by experienced installers with minimal disruption to building tenants. **LLumar films are durable and virtually maintenance free.**

Please see our decorative sample book or visit [www.llumar.com](http://www.llumar.com) for more information.

