



# PRODUCT SPECIFICATIONS

	% 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>Reflective Series:</b>													
PCR-15 BL SR CDF (Blue)	15	25	60	13	22	1.00	0.37	99	0.76	68	0.35	63	86
R-15B (Bronze) SR CDF	10	35	55	10	19	0.94	0.28	99	0.70	76	0.36	72	89
R-15G (Gray) SR CDF	9	33	58	7	13	0.94	0.29	99	0.70	75	0.24	71	92
R-15 BL (Blue) SR PS	10	38	52	11	25	0.94	0.29	99	0.70	75	0.38	71	88
R-15 GO (Gold) SR PS	11	50	39	14	52	0.94	0.25	99	0.70	79	0.56	75	84
R-20 (Silver) SR CDF	14	54	32	18	62	0.94	0.24	99	0.71	79	0.75	76	80
R-30B (Bronze) SR CDF	24	22	54	22	12	0.96	0.43	99	0.74	63	0.51	57	76
R-30G (Gray) SR CDF	24	22	54	23	13	0.97	0.44	99	0.75	62	0.50	56	74
R-35 (Silver) SR CDF	22	43	35	28	51	0.99	0.36	99	0.73	68	0.78	64	69
R-50 (Silver) SR CDF	38	26	36	49	27	0.97	0.53	99	0.75	54	0.92	47	46
<b>Dual Reflective</b>													
DR-25 SR CDF (Gray/Silver)	25	26	49	22	27	0.92	0.41	99	0.61	65	0.54	59	76
DR-35 SR CDF (Gray/Silver)	35	19	46	36	19	0.93	0.52	99	0.61	56	0.69	48	60
<b>E Series:</b>													
E-1220 (Silver) SR CDF	9	57	34	13	65	0.71	0.24	99	0.36	79	0.54	76	86
<b>Deluxe Series:</b>													
DL-05 SR CDF (Gray)	14	25	61	6	13	0.92	0.35	99	0.62	70	0.17	65	93
DL-15B (Bronze) SR CDF	27	13	60	14	8	0.98	0.45	99	0.77	61	0.31	55	84
DL-15G (Gray) SR CDF	26	15	59	16	9	0.99	0.45	99	0.78	58	0.36	55	82
DL-30GN (Green) SR PS	29	20	51	30	17	0.98	0.53	99	0.76	54	0.57	47	67
<b>N Series: (Lumalloy):</b>													
N-1020 (Neutral) SR CDF	22	26	52	24	31	1.03	0.43	99	0.84	63	0.56	57	73
N-1040 (Neutral) SR CDF	36	15	49	41	18	1.00	0.58	99	0.81	50	0.71	42	54
N-1050 (Neutral) SR CDF	44	13	43	50	15	1.03	0.64	99	0.84	45	0.78	36	44
N-1065 (Neutral) SR CDF	65	9	26	71	10	1.03	0.82	99	0.84	29	0.87	18	21
N-1020B (Bronze) SR CDF	14	44	42	21	37	0.93	0.26	99	0.69	77	0.81	74	77
N-1035B (Bronze) SR CDF	27	35	38	38	25	0.94	0.43	99	0.71	62	0.88	57	58
N-1050B (Bronze) SR CDF	43	23	34	55	16	0.96	0.57	99	0.73	51	0.96	43	39
<b>Safety Series:</b>													
SCL SR PS4 (Clear)	81	9	10	89	10	1.03	0.97	95	0.84	16	0.92	1	1
SCL SR PS6 (Clear)	79	9	12	88	10	1.03	0.94	99	0.84	18	0.94	5	2
SCL SR PS7 (Clear)	81	9	10	88	10	1.03	0.96	95	0.84	16	0.92	2	2
SCL SR PS8 (Clear)	78	9	13	88	11	1.03	0.94	99	0.84	18	0.94	5	2
SCL SR PS11 (Clear)	78	9	13	85	11	1.03	0.93	99	0.84	19	0.91	6	6
SCL SR PS15 (Clear)	76	10	14	83	11	1.03	0.92	99	0.84	20	0.90	7	8
R-30B (Bronze) SR PS4	24	22	54	22	12	0.96	0.43	99	0.74	63	0.51	57	79
R-20 (Silver) SR PS4 and PS8	14	54	32	18	62	0.94	0.24	99	0.71	79	0.75	76	80
N-1020 (Neutral) SR PS4 and PS8	22	26	52	24	31	1.03	0.43	99	0.84	63	0.56	57	73
N-1035 (Neutral) SR PS4 and PS8	36	16	48	41	18	1.03	0.55	99	0.84	53	0.75	45	54
N-1050 (Neutral) SR PS4 and PS8	44	13	43	50	15	1.03	0.64	99	0.84	45	0.78	36	44
NUV65 SR PS4	63	9	28	63	11	1.03	0.79	99.9	0.84	29	0.80	18	22
<b>Nonreflective Series:</b>													
NRM PS2 (Frosted)	67	18	15	69	20	1.03	0.82	98	0.84	28	0.84	18	23
NRMB PS2 (Bronze)	50	13	37	36	11	1.03	0.69	98	0.84	39	0.52	31	60
NRMM PS3 (Midnight)	0	11	89	0	13	1.03	0.32	100	0.84	72	0	68	100
NRMW PS3 (White)	10	49	41	7	58	1.03	0.25	99	0.84	78	0.28	75	92
RMS PS2 (Silver)	13	57	30	16	60	1.03	0.24	99	0.72	79	0.67	76	82
UV CL SR PS (Clear)	84	9	7	84	9	0.99	0.99	99.9	0.83	14	0.85	1	7
<b>Patterned Series:</b>													
NRM FS SR HPR	72	17	11	73	20	1.03	0.90	99	0.84	21	0.81	10	17
NRM FB SR HPR	63	19	18	63	23	1.03	0.80	99	0.84	30	0.79	20	28
NRM FTL SR HPR	70	19	11	73	20	1.03	0.84	99	0.84	27	0.86	16	20
NRM FSD SR HPR	78	12	10	82	13	1.03	0.94	99	0.84	19	0.87	6	9
NRM FMD SR HPR	76	12	11	81	15	1.03	0.91	99	0.84	21	0.88	9	10
NRM MSQ SR HPR	61	20	19	61	25	1.03	0.75	99	0.84	34	0.80	25	33
NRM FSQ SR HPR	68	16	16	69	20	1.03	0.87	99	0.84	23	0.79	13	22
FROSTED SPARKLE	70	16	14	73	19	1.03	0.85	83	0.84	26	0.86	15	17
<b>Graphic Arts Series:</b>													
Blue	61	8	31	28	8	1.03	0.80	98	0.84	30	0.35	15	68
Green	46	7	47	32	8	1.03	0.68	98	0.84	41	0.47	28	64
Red	59	8	33	26	8	1.03	0.79	98	0.84	31	0.33	16	70
Yellow	73	9	18	85	8	1.03	0.90	98	0.84	22	0.94	4	3
<b>Graffiti Series</b>													
GCL SR PS4	81	9	10	89	10	1.02	0.97	95	0.84	16	0.92	2	1
GCL SR PS6	79	8	13	89	10	1.02	0.95	99	0.84	17	0.94	5	1
<b>Exterior Series:</b>													
RK-20 PS	14	65	21	18	62	1.02	0.23	99	0.71	80	0.78	77	80

Typical solar properties with films mounted to 1/8 inch clear glass. All values averaged from routinely accumulated quality control data.  
 Solar properties of each film on other typical window systems and definitive film-to-glass recommendations are available from your authorized Lumalloy dealer or regional distribution center.  
 CDF Adhesive System, Water Activated (Non-Water Reactivable) Adhesive - Clear Distortion Free.  
 OPI Films Inc. is a member of the Association of Industrial Metallizers, Coaters, and Laminators. All data has been measured in accordance with AIAA standards.

