



RESIDENTIAL/COMMERCIAL FILM SPECIFICATIONS ON 1/8" CLEAR GLASS

FLAT GLASS FILMS



All of Johnson Flat Glass Films reject 99% of harmful UV rays.

DaylightNatural™

NEUTRAL, NON-FADING SPUTTERED FILMS

FILM TYPE	COLOR	VISIBLE LIGHT TRANSMISSION	SOLAR ENERGY REJECTED	SHADING COEFFICIENT	SOLAR HEAT GAIN COEFFICIENT	U FACTOR NFRC	VISIBLE LIGHT REFLECTION	SOLAR ENERGY ABSORBED	GLARE REDUCTION
DN 60	neutral	63%	30%	0.81	0.70	1.10	11%	29%	31%
DN 50	neutral	49%	40%	0.70	0.60	1.10	14%	39%	46%
DN 35	neutral	37%	46%	0.63	0.54	1.10	18%	43%	59%
DN 20	neutral	22%	61%	0.46	0.39	1.08	26%	53%	76%
DN 15	neutral	18%	62%	0.44	0.38	1.08	19%	64%	80%

Sunset Bronze™

COPPER, NON-FADING SPUTTERED FILMS

FILM TYPE	COLOR	VISIBLE LIGHT TRANSMISSION	SOLAR ENERGY REJECTED	SHADING COEFFICIENT	SOLAR HEAT GAIN COEFFICIENT	U FACTOR NFRC	VISIBLE LIGHT REFLECTION	SOLAR ENERGY ABSORBED	GLARE REDUCTION
SB 50	bronze	54%	48%	0.60	0.52	1.00	16%	30%	41%
SB 30	bronze	33%	66%	0.39	0.34	0.98	27%	36%	64%
SB 20	bronze	20%	78%	0.26	0.23	0.97	37%	35%	78%

Solar Silver™

SILVER, NON-FADING METALLIZED FILMS

FILM TYPE	COLOR	VISIBLE LIGHT TRANSMISSION	SOLAR ENERGY REJECTED	SHADING COEFFICIENT	SOLAR HEAT GAIN COEFFICIENT	U FACTOR NFRC	VISIBLE LIGHT REFLECTION	SOLAR ENERGY ABSORBED	GLARE REDUCTION
SS 35	silver	40%	60%	0.47	0.41	1.00	34%	32%	56%
SS 20	silver	22%	74%	0.30	0.26	0.98	51%	31%	76%

ScenicView™

DUAL REFLECTIVE, NON-FADING FILMS

FILM TYPE	COLOR	VISIBLE LIGHT TRANSMISSION	SOLAR ENERGY REJECTED	SHADING COEFFICIENT	SOLAR HEAT GAIN COEFFICIENT	U FACTOR NFRC	VISIBLE LIGHT REFLECTION	SOLAR ENERGY ABSORBED	GLARE REDUCTION
SV 40	dual reflective	50%	44%	0.65	0.56	1.07	16%	40%	45%
SV 30	dual reflective	34%	66%	0.45	0.39	1.03	31%	39%	63%
SV 10	dual reflective	10%	81%	0.22	0.19	1.06	54%	38%	89%

NightScape™

DUAL REFLECTIVE, NON-SPUTTERED FILMS

FILM TYPE	COLOR	VISIBLE LIGHT TRANSMISSION	SOLAR ENERGY REJECTED	SHADING COEFFICIENT	SOLAR HEAT GAIN COEFFICIENT	U FACTOR NFRC	VISIBLE LIGHT REFLECTION	SOLAR ENERGY ABSORBED	GLARE REDUCTION
NS 35	dual reflective	36%	51%	0.57	0.49	1.02	17%	43%	60%
NS 25	dual reflective	28%	52%	0.56	0.48	1.04	16%	48%	69%
NS 15	dual reflective	17%	53%	0.55	0.47	1.04	14%	54%	81%

Palisade™

PREMIUM CERAMIC SOLAR PROTECTION

FILM TYPE	COLOR	IR REJECTION	VISIBLE LIGHT TRANSMISSION	SOLAR ENERGY REJECTED	SHADING COEFFICIENT	SOLAR HEAT GAIN COEFFICIENT	U FACTOR NFRC	VISIBLE LIGHT REFLECTION	SOLAR ENERGY ABSORBED	GLARE REDUCTION
PD 55	natural	62%	59%	41%	0.69	0.59	1.09	11%	39%	35%
PD 45	natural	71%	50%	49%	0.60	0.51	1.08	13%	44%	45%
PD 35	natural	78%	42%	55%	0.52	0.45	1.07	16%	48%	54%
PD 25	natural	73%	25%	60%	0.46	0.40	1.07	27%	51%	77%

Architectural™

COLOR METALLIZED SOLAR CONTROL FILMS

FILM TYPE	COLOR	VISIBLE LIGHT TRANSMISSION	SOLAR ENERGY REJECTED	SHADING COEFFICIENT	SOLAR HEAT GAIN COEFFICIENT	U FACTOR NFRC	VISIBLE LIGHT REFLECTION	SOLAR ENERGY ABSORBED	GLARE REDUCTION
MG 20	grey silver	24%	62%	0.45	0.38	1.00	14%	48%	74%
MG 10	grey silver	8%	75%	0.29	0.25	0.98	14%	53%	91%
MG 05	grey silver (3ply)	6%	66%	0.40	0.34	1.02	10%	58%	93%
MBL 50	blue silver	53%	36%	0.75	0.65	1.09	9%	36%	42%
MBL 35	blue silver	35%	51%	0.57	0.49	1.04	11%	46%	62%
MBL 20	blue silver	24%	61%	0.45	0.39	1.00	16%	47%	74%
MGN 35	green silver	35%	49%	0.59	0.51	1.05	9%	48%	62%
MGN 20	green silver	25%	60%	0.47	0.40	1.00	14%	51%	73%
MGD 35	gold silver	38%	58%	0.49	0.42	1.00	27%	37%	59%
MGD 20	gold silver	21%	73%	0.32	0.27	0.98	44%	36%	81%

Specialty Series

DECORATIVE SPECIAL APPLICATION FILMS

FILM TYPE	COLOR	VISIBLE LIGHT TRANSMISSION	SOLAR ENERGY REJECTED	SHADING COEFFICIENT	SOLAR HEAT GAIN COEFFICIENT	U FACTOR NFRC	VISIBLE LIGHT REFLECTION	SOLAR ENERGY ABSORBED	GLARE REDUCTION
UV Clear	clear	91%	12%	1.01	0.88	1.10	8%	6%	0%
White Frost	white	75%	24%	0.88	0.76	1.10	18%	11%	18%
Whiteout	white	14%	71%	0.34	0.29	1.10	60%	27%	85%
Blackout	black	0%	70%	0.36	0.30	1.10	6%	93%	100%

All of Johnson Window Films are protected by CST™ scratch resistant hardcoat.

Solar specifications testing performed on film mounted to 1/8" (3mm) clear glass. Tests, equipment and methods are in accordance with ASTM, ANSI and NFRC standards. Calculations performed using L.B.L. Optics/Window 5.2. Values expressed hereof are typical and provided for comparative purposes only.



Johnson Window Films

Manufactured by Johnson Laminating & Coating, Inc. Carson, California USA

www.johnsonwindowfilms.com

