

Concord Window Films - Window Film Specification Chart

March 2007

HIGHLIGHTED FILMS ARE COMPATIBLE WITH DOUBLE PANE (THERMAL INSULATED) WINDOWS

Type	Series	Total Solar Energy		Shading	Visible Light		Ultra Violet	Concord Product Catalog
		Rejected	Absorbed	Coefficient	Transmitted	Reflected	Transmitted	
Light Charcoal 70%	Standard Automotive - 1 Ply	24	21	0.87	72	7	< 1	Automotive Window Films
Charcoal Black 50%	Standard Automotive - 1 Ply	28	33	0.82	51	6	< 1	Automotive Window Films
Charcoal Black 35%	Standard Automotive - 1 Ply	34	39	0.76	35	6	< 1	Automotive Window Films
Charcoal Black 20%	Standard Automotive - 1 Ply	39	46	0.71	20	7	< 1	Automotive Window Films
Charcoal Black 05%	Standard Automotive - 1 Ply	40	48	0.67	5	7	< 1	Automotive Window Films
Charcoal Black 50%	Deluxe Automotive - 2 Ply	28	31	0.82	52	6	< 1	Automotive Window Films
Charcoal Black 35%	Deluxe Automotive - 2 Ply	34	38	0.76	38	6	< 1	Automotive Window Films
Charcoal Black 20%	Deluxe Automotive - 2 Ply	39	47	0.71	21	6	< 1	Automotive Window Films
Charcoal Black 05%	Deluxe Automotive - 2 Ply	40	49	0.67	6	6	< 1	Automotive Window Films
Charcoal Black 35%	Premuim Automotive - 2 Ply	34	39	0.76	35	6	< 1	Automotive Window Films
Charcoal Black 20%	Premuim Automotive - 2 Ply	39	46	0.71	20	7	< 1	Automotive Window Films
Charcoal Black 05%	Premuim Automotive - 2 Ply	40	48	0.67	5	7	< 1	Automotive Window Films
4 Mil Charcoal 50%	Automotive Security	28	33	0.82	51	6	< 1	Automotive Window Films
4 Mil Charcoal 35%	Automotive Security	34	39	0.76	35	6	< 1	Automotive Window Films
4 Mil Charcoal 20%	Automotive Security	39	46	0.71	20	7	< 1	Automotive Window Films
4 Mil Charcoal 05%	Automotive Security	40	48	0.67	5	7	< 1	Automotive Window Films
Silver 68%	Silver Reflective	40	38	0.69	68	14	< 1	Residential & Commercial Films
Silver 53%	Silver Reflective	50	41	0.58	51	19	< 1	Residential & Commercial Films
Silver 35%	Silver Reflective	58	41	0.49	41	28	< 1	Residential & Commercial Films
Silver 15%	Silver Reflective	78	38	0.26	18	55	< 1	Residential & Commercial Films
Light Charcoal 70%	Non Reflective	24	21	0.87	72	7	< 1	Residential & Commercial Films
Charcoal Black 50%	Non Reflective	28	31	0.82	52	6	< 1	Residential & Commercial Films
Charcoal Black 35%	Non Reflective	34	38	0.76	38	6	< 1	Residential & Commercial Films
Charcoal Black 20%	Non Reflective	39	47	0.71	21	6	< 1	Residential & Commercial Films
Charcoal Black 05%	Non Reflective	40	49	0.67	6	6	< 1	Residential & Commercial Films
Neutral 50%	Residential Neutral Series	33	37	0.77	53	8	< 1	Residential & Commercial Films
Neutral 35%	Residential Neutral Series	58	48	0.48	30	17	< 1	Residential & Commercial Films
Neutral 20%	Residential Neutral Series	63	53	0.43	20	16	< 1	Residential & Commercial Films
Clear 4 Mil	Clear Security	13	11	0.98	90	8	< 1	Security Films
Clear 8 Mil	Clear Security	15	12	0.98	89	8	< 1	Security Films
4 Mil Silver 35%	Silver Security	58	41	0.49	41	29	< 1	Security Films
4 Mil Silver 20%	Silver Security	78	41	0.26	17	54	< 1	Security Films
8 Mil Silver 20%	Silver Security	78	41	0.26	17	54	< 1	Security Films
4 Mil Charcoal 50%	Tinted Security	28	33	0.82	51	6	< 1	Security Films
4 Mil Charcoal 35%	Tinted Security	34	39	0.76	35	6	< 1	Security Films
4 Mil Charcoal 20%	Tinted Security	39	46	0.71	20	7	< 1	Security Films
4 Mil Charcoal 05%	Tinted Security	40	48	0.67	5	7	< 1	Security Films
White Frost Matte	Frosted Matte	30	31	0.81	77	9	< 1	Decorative & Specialty Films
Bronze Frost Matte	Frosted Matte	33	38	0.77	35	7	< 1	Decorative & Specialty Films
Grey Frost Matte	Frosted Matte	34	38	0.78	36	7	< 1	Decorative & Specialty Films
Silver Frost Matte	Frosted Matte	78	30	0.25	13	62	< 1	Decorative & Specialty Films
Whiteout	Zero Light Transmission	77	41	0.27	8	59	< 1	Decorative & Specialty Films
Blackout	Zero Light Transmission	85	59	0.18	0	4	< 1	Decorative & Specialty Films
Blue	Decorative Color	34	38	0.76	38	7	< 1	Color Graphic Films
Green	Decorative Color	38	41	0.71	38	8	< 1	Color Graphic Films
Red	Decorative Color	31	35	0.80	23	4	< 1	Color Graphic Films
Yellow	Decorative Color	22	22	0.90	83	7	< 1	Color Graphic Films

What the numbers mean:

Solar Heat Rejected:

The percentage of total solar heat that is prevented from passing through a glazing system. The higher the number, the better the solar heat rejection performance.

Solar Heat Absorbed:

The percentage of total solar heat that is absorbed by the glazing system. The higher the number, the less solar energy entering the room thru the glass.

Shading Coefficient:

The ratio of solar heat gain passing through a glazing system (with film in this case) as compared to a clear pane of glass. The lower the shading coefficient, the more heat the film is blocking.

Visible Light Transmitted:

How much visible light the film the film allows in. The higher the number, the lighter the film. The lower the number, the darker the film.

Visible Light Reflectance:

How much visible light the film reflects. The higher the number, the greater the "mirror" appearance

UV Transmission:

the percentage of UV light that the film allows to pass. The lower the number, the more UV light blocked.

Concord Window Films - www.buytint.net

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