

# WINDOW FILM PERFORMANCE DATA | Automotive: North America



	% Visible Light Transmission	% Total Solar Energy Rejection	% IR Energy Rejection (IRER)*	% Selective IR Rejection (SIRR)**	% Ultraviolet Protection (wavelengths 300-380nm)	% Glare Reduction***	% Visible Light Reflection
<b>ATC Series (Color-Stable Dyed Window Tint)</b>		For good heat rejection, privacy and style					
ATC 05 CH SR HPR (Charcoal)	5	44	22	29	>99	94	5
ATC 15 CH SR HPR (Charcoal)	18	40	22	29	>99	79	5
ATC 20 CH SR HPR (Charcoal)	25	38	22	29	>99	72	6
ATC 30 CH SR HPR (Charcoal)	33	36	22	29	>99	63	6
ATC 35 CH SR HPR (Charcoal)	38	35	22	29	>99	57	6
ATC 40 CH SR HPR (Charcoal)	43	33	22	28	>99	51	6
ATC 50 CH SR HPR (Charcoal)	60	28	22	28	>99	32	7
<b>ATR Series (Metallized Window Tint)</b>		For great heat rejection with a slightly reflective look					
ATR 05 CH SR HPR (Charcoal)	5	61	54	68	>99	94	6
ATR 15 CH SR HPR (Charcoal)	18	48	38	51	>99	80	5
ATR 20 CH SR HPR (Charcoal)	25	47	39	52	>99	71	6
ATR 30 CH SR HPR (Charcoal)	34	44	38	51	>99	61	7
ATR 35 CH SR HPR (Charcoal)	37	44	40	53	>99	59	8
ATR 40 CH SR HPR (Charcoal)	46	41	38	51	>99	48	8
ATR 50 CH SR HPR (Charcoal)	53	35	29	37	>99	40	9
<b>CTX® Series (Ceramic Window Tint)</b>		For excellent heat rejection without blocking electronic signal transmission					
CTX 05 CH SR HPR (Charcoal)	5	58	50	72	>99	94	5
CTX 15 CH SR HPR (Charcoal)	20	53	49	69	>99	78	5
CTX 25 CH SR HPR (Charcoal)†	28	50	47	66	>99	69	5
CTX 30 CH SR HPR (Charcoal)	34	49	48	68	>99	62	6
CTX 35 CH SR HPR (Charcoal)	37	48	48	69	>99	58	6
CTX 40 CH SR HPR (Charcoal)	44	47	49	69	>99	50	6
CTX 50 CH SR HPR (Charcoal)	55	43	48	68	>99	37	7
<b>IRX™ Series (Infrared-Rejecting Ceramic Window Tint)</b>		For our best heat rejection, advanced nanoceramic IR-blocking technology, and no sacrifices					
IRX 05 CH SR HPR (Charcoal)‡	6	62	60	86	>99	94	5
IRX 15 CH SR HPR (Charcoal)‡	20	59	61	88	>99	78	5
IRX 25 CH SR HPR (Charcoal)‡	26	57	59	85	>99	70	5
IRX 30 CH SR HPR (Charcoal)‡	33	56	60	87	>99	63	5
IRX 35 CH SR HPR (Charcoal)‡	39	54	60	87	>99	56	6
IRX 40 CH SR HPR (Charcoal)‡	42	53	60	87	>99	53	6
IRX 50 CH SR HPR (Charcoal)‡	54	50	60	87	>99	39	7
<b>AIR Series (Clear Window Film)</b>		For virtually invisible, ceramic protection against heat and harmful UV rays					
AIR 80 BL SR HPR (Clear)	77	43	60	86	>99	13	9
AIR 90 CL SR HPR (Clear)	84	30	40	57	>99	5	9
<b>UV Protection (Clear Window Film)</b>		For excellent UV protection without reduced visibility					
AU 85 UV SR HPR (Clear)	87	20	22	29	>99	1	10

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Data captured using NFRC guidelines for window film solar performance measurement as measured on single pane, 1/4 inch (6mm), clear glass. Reported values are taken from representative product samples and are subject to normal manufacturing variances. Actual performance will vary based on a number of factors, including glass type and properties.\*IRER is a more complete measurement of heat experienced from solar infrared radiation (780-2500nm) including absorbed and re-radiated energy. \*\*SIRR is a measurement of solar infrared radiation (780-2500nm) not directly transmitted through glass. ‡Based on data obtained during product development and is subject to change. Data captured using NFRC guidelines for single pane, nominal 1/4" (6mm) clear glass. Reported values are taken from representative product samples and are subject to normal manufacturing variances. Actual performance will vary based on a number of factors, including glass type and properties. \*\*\*These are calculated numbers which may differ between similar products due to averaging and rounding. See LLumar.com for technical details. ©2025 Eastman Performance Films, LLC. Product brands referenced herein with a ™ or ® symbol are trademarks of Eastman Chemical Company or its subsidiaries. All other trademarks are the property of their respective owners. All rights reserved. No liability is accepted for errors. L1748 (08/25)

