

AUTOMOTIVE WINDOW FILM PERFORMANCE DATA



% 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 (exterior)

OUR BEST



IRX Series Infrared-Rejecting Ceramic Film		For our best heat rejection, advanced nanoceramic IR-blocking technology, and no sacrifices. Manufacturer's Lifetime Limited Warranty***					
IRX 05 CH SR HPR (Charcoal)†	#	#	#	#	#	#	#
IRX 15 CH SR HPR (Charcoal)†	20	59	61	88	>99	77	5
IRX 35 CH SR HPR (Charcoal)†	38	54	60	87	>99	56	6
IRX 50 CH SR HPR (Charcoal)†	53	49	60	87	>99	40	7

EXCELLENT



CTX Series Ceramic Film		For excellent heat rejection without blocking electronic signal transmission. Manufacturer's 12 year Limited Warranty***					
CTX 05 CH SR HPR (Charcoal)	5	60	55	79	>99	94	5
CTX 15 CH SR HPR (Charcoal)	20	53	49	69	>99	78	5
CTX 35 CH SR HPR (Charcoal)	37	48	48	69	>99	58	6
CTX 50 CH SR HPR (Charcoal)	55	43	48	68	>99	37	7

GREAT

ATR Series Metallised Film		For great heat rejection with a slightly reflective look. Manufacturer's 10 year Limited Warranty***					
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 35 CH SR HPR (Charcoal)	37	44	40	53	>99	59	8
ATR 50 CH SR HPR (Charcoal)	53	35	29	37	>99	40	9

GOOD

ATC Series Colour-Stable Dyed Film		For good heat rejection, privacy and style. Manufacturer's 7 year Limited Warranty***					
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 35 CH SR HPR (Charcoal)	38	35	22	29	>99	57	6
ATC 50 CH SR HPR (Charcoal)	60	28	22	28	>99	32	7

AIR Series Clear Window Film		For virtually invisible, ceramic protection against heat and harmful UV rays. Manufacturer's 5 year Limited Warranty***					
AIR 75 IR SR HPR (Clear)	77	35	44	62	>99	12	8
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

UV Shield Series Ultraviolet Protection Window Film		For excellent UV protection without reduced visibility. Manufacturer's 5 year Limited Warranty***					
AU 85 UV SR HPR (Clear)	87	20	22	29	>99	1	10

EASTMAN

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*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. ***Certain restrictions apply; see a dealer for details. †Based on data obtained during product development and is subject to change. ‡Product and data available soon. Data captured using National Fenestration Rating Council's (NFRC) guidelines and calculated for single pane, nominal 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. See LLumar.com for technical details. ©2020 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. 01/20

