

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)†	5	62	59	85	>99	94	5
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. Data captured using National Fenestration Rating Council's (NFRC) guidelines and calculated for single pane, nominal ¼ 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. 04/20

