



ARCHITECTURAL WINDOW FILM SPECIFICATIONS

SOLAR FILMS

% Visible Light Transmission % Total Solar Transmission % Total Solar Reflectance % Total Solar Absorbance % Visible Light Reflectance INT/EXT Winter U-Value % Ultraviolet Protection (wavelengths 300-380nm) % Glare Reduction Shading Coefficient Solar Heat Gain Coefficient % Total Solar Energy Rejection (TSEER) IR Energy Rejection (IRER)* Selective IR Rejection (SIRR)** % Winter Heat Loss Reduction

Ultra-Vision™ Series (Spectrally Selective, Neutral)

ULVDS 70 ***Developmental Data	70	52	29	19	18/19	0.95	98	22	0.65	0.57	43	56	62	9
ULVDS 50	57	41	17	42	16/16	0.99	98	37	0.62	0.53	47	53	68	5
ULVDS 40	38	27	18	55	14/17	1.04	98	58	0.51	0.44	56	61	79	0
ULV EXT 50	52	36	18	46	19/19	1.04	99	42	0.58	0.50	50	57	74	0

SymphonyDS™ Series (Dual-Reflective, Neutral)

SYDS 50	46	41	12	47	8/12	1.05	98	49	0.64	0.56	44	NA	NA	-1
SYDS 35	40	33	21	46	12/20	1.02	98	55	0.54	0.47	53	NA	NA	2
SYDS 25	33	26	31	43	18/30	1.00	98	64	0.44	0.38	62	NA	NA	4
SYDS 15	10	7	58	35	29/63	1.02	99	89	0.20	0.18	82	NA	NA	2

Dual-ReflectiveDS™ Series (Dual-Reflective, Neutral)

DRDS 35	36	37	19	44	10/18	1.01	98	60	0.57	0.50	50	NA	NA	3
DRDS 25	26	30	24	46	9/22	0.99	98	71	0.49	0.43	57	NA	NA	5
DRDS 15	15	17	41	42	12/41	0.96	98	84	0.33	0.29	71	NA	NA	8

InfinityDS™ Series (Sputtered, Neutral and Bronze)

IDS 50	60	56	10	34	9/11	1.07	98	33	0.76	0.66	34	NA	NA	-3
IDS 35	51	47	12	41	11/14	1.06	98	44	0.68	0.59	41	NA	NA	-2
IDS 20	22	20	28	52	27/30	1.01	99	75	0.41	0.36	64	NA	NA	3
IDS 35 Bronze	43	32	34	34	19/22	0.87	99	52	0.46	0.40	60	NA	NA	16
IDS 20 Bronze	25	16	48	36	31/35	0.85	99	72	0.29	0.25	75	NA	NA	18
IXT 35	50	47	13	40	11/14	1.04	99	45	0.68	0.59	41	NA	NA	0
IXT 20	23	20	31	49	27/31	1.04	>99	74	0.41	0.36	64	NA	NA	0

SilverDS™ Series (Reflective, Silver)

SDS 35	26	20	48	32	49/50	0.88	98	71	0.32	0.28	72	NA	NA	15
SDS 20	15	12	58	31	63/63	0.86	99	83	0.22	0.19	81	NA	NA	17
SXT 50	54	42	25	33	20/22	1.04	99	40	0.60	0.52	48	NA	NA	0
SXT 35	28	21	53	26	47/50	1.04	>99	69	0.33	0.29	71	NA	NA	0
SXT 20	15	11	66	23	61/64	1.04	>99	83	0.22	0.19	81	NA	NA	0

Specialty Series

2 Mil White Matte	(NFRC measurements not meaningful due to light scattering)											NA	NA	NA
White Out	(NFRC measurements not meaningful due to light scattering)											NA	NA	NA
Black Out	0	0	6	94	7/6	1.05	>99	>99	0.35	0.30	70	NA	NA	-1
Crystal PET	(NFRC measurements not meaningful due to light scattering)											NA	NA	NA
Crystal Vinyl	(NFRC measurements not meaningful due to light scattering)											NA	NA	NA
DRMPS 7	7	8	56	36	17/61	0.89	99	92	0.19	0.17	83	NA	NA	14
DRMDS 7	7	8	57	35	17/62	0.93	99	92	0.20	0.17	83	NA	NA	11
LRDS 10	7	14	26	60	11/11	0.95	>99	92	0.35	0.31	69	NA	NA	9
4M Anti-Graffiti	89	83	9	8	10/10	1.04	89	1	0.98	0.85	15	NA	NA	0
6M Anti-Graffiti	89	82	9	9	10/10	1.04	90	1	0.98	0.85	15	NA	NA	0

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. ***Based on data obtained during product development and subject to change. Data captured using National Fenestration Rating Council's (NFRC) guidelines and calculated for single pane, nominal 1/8 inch (3mm) 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. For 2 Mil White Matte, White Out, Crystal PET and Crystal Vinyl, there is no accepted method for measuring the solar performance properties of opaque, patterned or translucent products. Any variation in appearance will be subject to normal manufacturing variances. ©2022 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. 02/22