

	% Visible Light Transmission	% Total Solar Energy Rejection	% Visible Light Reflectance	% Glare Reduction	% Ultraviolet Protection (wavelengths 300-380nm)	% IR Energy Rejection (IRER)**	% Selective IR Rejection (SIRR)***
CIR™ (CeramicIR) Series							
CIR 80 Black	78	42	8	11	97	58	83
CIR 70 Black	71	46	8	19	99	59	85
CIR 60 Black	63	47	7	28	99	59	84
CIR 50 Black*	54	50	7	39	>99	59	84
CIR 40 Black*	43	52	6	51	>99	58	84
CIR 30 Black*	33	56	6	63	>99	60	86
CIR 20 Black*	23	58	5	74	>99	59	84
CIR 15 Black*	15	61	5	83	>99	61	87
CIR 5 Black	5	62	5	94	>99	58	83
CXP™ (CarbonXP) Series							
CXP 80 Black	75	40	9	15	99	52	74
CXP 70 Black	63	44	8	28	99	56	79
CXP 55 Black	54	42	7	39	99	47	66
CXP 45 Black	41	50	6	53	99	54	76
CXP 35 Black	33	53	6	63	99	55	79
CXP 25 Black	23	52	6	74	99	49	70
CXP 18 Black	17	55	6	81	99	52	73
CXP 5 Black	5	60	5	94	99	54	77
Carbon Series							
Carbon 85 Black	81	28	9	8	99	-	-
Carbon 70 Black	67	27	8	24	99	-	-
Carbon 55 Black	55	31	7	38	99	-	-
Carbon 45 Black	44	34	7	50	99	-	-
Carbon 38 Black	38	37	6	57	99	-	-
Carbon 35 Black	36	38	6	59	99	-	-
Carbon 25 Black	25	40	6	72	99	-	-
Carbon 18 Black	18	44	5	80	99	-	-
Carbon 5 Black	5	46	5	94	99	-	-
InfinityOP™ Series							
INF 65 Neutral	62	33	9	30	98	-	-
INF 50 Neutral	59	37	11	33	98	-	-
INF 35 Neutral	33	52	16	63	99	-	-
INF 20 Neutral	25	58	15	72	99	-	-
INF 10 Neutral	16	64	18	82	99	-	-
High Performance Series							
HP 55 Charcoal	60	31	8	32	98	-	-
HP 50 Charcoal	52	38	8	41	98	-	-
HP 40 Charcoal	41	42	7	53	99	-	-
HP 35 Charcoal	37	43	7	58	98	-	-
HP 30 Charcoal	31	45	6	65	98	-	-
HP 20 Charcoal	22	49	6	75	98	-	-
HP 15 Charcoal	14	50	5	84	98	-	-
HP 5 Charcoal	3	54	5	97	99	-	-
HP 40 Bronze	42	41	7	52	98	-	-
HP 18 Bronze	15	49	5	83	99	-	-
HP 50 Blue	54	39	9	39	98	-	-

	% Visible Light Transmission	% Total Solar Energy Rejection	% Visible Light Reflection	% Glare Reduction	% Ultraviolet Protection (wavelengths 300-380nm)	% IR Energy Rejection (IRER)**	% Selective IR Rejection (SIRR)***
Standard Pro Series							
STD PRO 88 Charcoal	81	22	9	8	98	-	-
STD PRO 50 Charcoal	57	28	7	35	98	-	-
STD PRO 40 Charcoal	39	34	6	56	98	-	-
STD PRO 35 Charcoal	32	36	6	64	98	-	-
STD PRO 20 Charcoal	19	39	6	78	99	-	-
STD PRO 15 Charcoal	14	41	5	84	99	-	-
STD PRO 5 Charcoal	4	44	5	95	99	-	-
Standard Series							
STD 70 Charcoal	66	25	7	25	98	-	-
STD 50 Charcoal	49	30	7	44	98	-	-
STD 40 Charcoal	40	33	6	55	98	-	-
STD 35 Charcoal	32	35	6	64	99	-	-
STD 20 Charcoal	19	39	5	78	99	-	-
STD 5 Charcoal	4	44	5	95	99	-	-
CoolSight™ Series							
CoolSight 90 Clear	84	30	9	5	99	40	57

SAFETY & SECURITY 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 (SHGC)	% Total Solar Energy Rejection (TSER)	
Clear Series												
2M	89	83	8	9	9/9	1.07	94	1	0.99	0.86	14	
4M	89	82	8	10	9/9	1.07	99	1	0.98	0.85	15	
7M	89	82	8	10	9/9	1.07	99	1	0.97	0.85	15	
8M	88	81	9	10	10/10	1.06	99	2	0.96	0.84	16	
13M	88	80	9	11	10/10	1.06	99	2	0.96	0.83	17	
Symmetry™ Series (Dual-Reflective, Neutral)												
5M Symmetry 25	18	18	35	47	14/36	0.90	>99	80	0.35	0.31	69	
9M Symmetry 25	18	18	35	47	14/36	0.90	>99	80	0.35	0.30	70	
5M Symmetry 15	13	14	40	46	12/42	0.91	>99	86	0.30	0.26	74	
9M Symmetry 15	13	14	40	46	13/42	0.91	>99	86	0.31	0.27	73	
Silver Series (Reflective, Silver)												
5M Silver 20	13	10	56	34	65/62	0.87	>99	86	0.21	0.19	81	
9M Silver 20	13	10	55	35	65/61	0.87	>99	86	0.22	0.19	81	
Anti-Graffiti Series												
4M Anti-Graffiti	89	83	9	8	10/10	1.04	89	1	0.98	0.85	15	
6M Anti-Graffiti	89	82	9	9	10/10	1.04	90	1	0.98	0.85	15	

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 (TSER)	IR Energy Rejection (IRER)*	Selective IR Rejection (SIRR)**	% Winter Heat Loss Reduction
Ultra-Vision™ Series (Spectrally Selective, Neutral)														
ULVDS 70	72	42	21	37	13/14	0.97	98	20	0.61	0.53	47	64	79	7
***Developmental Data														
ULVDS 50	57	41	17	42	16/16	0.99	99	37	0.62	0.53	47	53	68	5
ULVDS 40	38	27	18	55	14/17	1.04	99	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	99	49	0.64	0.56	44	NA	NA	-1
SYDS 35	40	33	21	46	12/20	1.02	99	55	0.54	0.47	53	NA	NA	2
SYDS 25	33	26	31	43	18/30	1.00	99	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	99	71	0.49	0.43	57	NA	NA	5
DRDS 15	15	17	41	42	12/41	0.96	99	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	99	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	99	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