

## VISION SOLAR SERIES SPEC SHEET

Part #	Product Description	VISIBLE LIGHT			TOTAL SOLAR ENERGY			U.V. Rejection	Heat Rejection TSER	I.R. Rejection 780-2500nm	*IRER	Shading Coefficient	SHGC	U Factor	Emmissivity	Glare Reduction
		VLT	Reflectivity Exterior	Reflectivity Interior	Energy Transferred	Energy Reflected	Energy Absorbed									
<b>SPECIALTY SERIES</b>																
XVASI65	All Season Intelligence 65 PS	66	12	4	42	28	30	99	52	89	70	0.56	0.48	0.61	0.09	24
XVAS45	All Season 45 PS	51	25	27	35	30	35	99	57	83	57	0.50	0.43	0.78	0.39	43
<b>CLEAR VIEW</b>																
XVCVP70	Clear View Plus 70% PS	72	8	8	40	31	29	99	55	94	78	0.52	0.45	0.90	0.77	20
XVCVP55	Clear View Plus 55% PS	58	7	7	34	29	37	99	57	94	78	0.50	0.43	0.90	0.78	34
XVCVP40	Clear View Plus 40% PS	40	6	7	26	25	49	99	62	94	78	0.44	0.38	0.89	0.75	53
XVCVPL20	Clear View Plus 20% PS	21	5	5	18	25	57	99	67	90	77	0.38	0.33	0.94	0.66	77
XVCVAL65	Clear View Alloy 65 PS	65	16	16	46	23	31	99	44	70	52	0.65	0.56	1.00	0.76	29
XVCVAL50	Clear View Alloy 50 PS	49	26	24	35	32	33	99	57	82	65	0.49	0.43	0.95	0.69	45
XVCVAL40	Clear View Alloy 40 PS	41	33	29	28	38	34	99	64	88	72	0.41	0.36	0.95	0.68	54
XVCLV60	Clear View Ceramic 60 PS	61	11	9	49	13	38	99	41	58	43	0.68	0.59	0.94	0.85	32
XVCLV50	Clear View Ceramic 50 PS	51	12	11	40	15	45	99	48	68	53	0.60	0.52	0.93	0.83	44
XVCLV35	Clear View Ceramic 35 PS	35	16	15	27	22	51	99	61	83	64	0.45	0.39	1.01	0.84	61
<b>NEUTRAL</b>																
XVNDAY50	Daylight 50 PS	52	12	12	51	10	39	99	43	48	43	0.66	0.57	1.07	0.89	46
XVNDAY28	Daylight 28 PS	25	26	26	23	23	54	99	64	76	61	0.41	0.36	1.04	0.84	74
XVDN25	Dark Neutral 25 DA	27	20	12	29	22	49	99	57	58	57	0.50	0.43	0.96	0.75	70
XVDN15	Dark Neutral 15 DA	12	20	13	18	30	52	99	70	75	70	0.35	0.30	0.95	0.70	86
<b>METALLIC</b>																
XVEVE45	Evening View 45 DA	46	8	8	50	10	40	99	37	43	38	0.73	0.63	1.05	0.87	50
XVEVE35	Evening View 35 DA	37	13	8	41	15	44	99	44	58	47	0.64	0.56	1.02	0.81	59
XVEVE25	Evening View 25 DA	26	27	13	29	28	43	99	61	71	61	0.45	0.39	0.99	0.74	69
XVEVE15	Evening View 15 DA	15	49	22	13	48	39	99	76	82	74	0.28	0.24	0.96	0.69	83
XVEVE05	Evening View 5 DA	8	57	15	9	54	37	99	81	88	77	0.22	0.19	0.96	0.69	92
XVBDR37	Blend DR 37 PS	40	13	10	39	18	43	99	51	67	53	0.58	0.49	0.98	0.75	56
XVBDR27	Blend DR 27 PS	33	20	13	29	26	45	99	61	80	64	0.45	0.39	0.99	0.45	65
XVBDR17	Blend DR 17 PS	13	45	21	11	46	43	99	79	90	81	0.26	0.21	0.99	0.75	87
XVBDR7	Blend DR 7 PS	6	43	8	7	46	47	99	82	92	82	0.21	0.18	0.98	0.75	94
XVSVR50	Silver 50 PS	50	24	24	37	27	36	99	52	78	57	0.55	0.48	1.00	0.77	41
XVSVR15	Silver 15 PS	17	58	58	13	51	36	99	78	92	81	0.25	0.22	0.97	0.70	82
XVBRZ40	Bronze 40 PS	31	30	30	18	46	36	99	71	78	80	0.35	0.29	0.97	0.72	65
XVBRZ25	Bronze 25 PS	22	37	37	12	49	39	99	77	84	84	0.27	0.23	0.94	0.66	74
<b>EXTERIOR</b>																
XVEXCP75	Exterior Clear Performance 75 PS	78	8	8	42	7	51	99	42	81	59	0.67	0.58	1.04	0.87	13
XVEXN40	Exterior Neutral 40 PS	40	17	17	38	16	46	99	50	54	47	0.58	0.50	1.04	0.87	57
XVEXN20	Exterior Neutral 20 PS	12	41	36	11	39	50	99	76	80	70	0.27	0.24	1.04	0.80	62
XVEXS15	Exterior Silver 15 PS	18	59	56	16	61	23	99	78	92	86	0.26	0.22	1.02	0.78	81
XVEXBDR7	Exterior Blend DR 7 PS	5	64	15	7	60	33	99	88	94	88	0.14	0.12	1.03	0.71	95

\*The values listed were tested according to ASTM, AIMCAL & EN standards. Near IR Rejection is measured from 780 to 2500nm. Infrared Energy Rejection (IRER) is a measurement of infrared rejection over the IR range of 780 to 2500nm that takes into consideration absorbed and reradiated infrared energy. All values represented are with film applied on 1/8" (3mm) glass. All values are nominal values and for guidance only. Specific technical information can be found at WWW.XPEL.COM. For any additional information contact SUPPORT@XPEL.COM.

## VISION SAFETY & SECURITY SERIES SPEC SHEET

Part #	Product Description	VISIBLE LIGHT			TOTAL SOLAR ENERGY			U.V. Rejection	Heat Rejection TSER	I.R. Rejection 780-2500nm	*IRER	Shading Coefficient	SHGC	U Factor	Emmissivity	Glare Reduction
		VLT	Reflectivity Exterior	Reflectivity Interior	Energy Transferred	Energy Reflected	Energy Absorbed									
<b>SECURITY CLEAR</b>																
XVSC4M	Security Clear 4mil PS	89	9	9	80	8	12	99	17	N/A	N/A	0.95	0.83	1.04	0.92	0
XVSC8M	Security Clear 8mil PS	89	9	9	79	8	13	99	18	N/A	N/A	0.94	0.82	1.03	0.89	1
XVSC14M	Security Clear 14mil PS	88	9	9	78	9	13	99	19	N/A	N/A	0.93	0.81	1.02	0.88	2
XVSCVPL8M7	Security 8 mil Clear View Plus 70	73	9	9	40	26	34	99	51	94	76	0.56	0.49	1.01	0.79	20
XVSN8M50	Security 8mil Neutral 50 PS	55	12	12	45	12	43	99	41	48	45	0.68	0.59	1.06	0.88	51
XVSN8M35	Security 8mil Neutral 35 PS	38	16	13	39	13	49	99	50	58	49	0.57	0.50	1.05	0.88	58
XVSS8M15	Security 8mil Silver 15 PS	15	56	56	12	51	37	99	79	92	81	0.24	0.21	0.96	0.70	84
XVEXS7M	Exterior Security Clear 7mil	88	8	8	76	7	17	99	19	32	23	0.93	0.81	1.02	0.87	1
<b>ANTI-GRAFFITI</b>																
XVSG4M	Anti-Graffiti 4mil PS	89	9	9	80	8	12	99	17	N/A	N/A	0.95	0.83	1.04	0.95	1
XVSG6M	Anti-Graffiti 6mil PS	89	9	9	80	8	12	99	17	N/A	N/A	0.95	0.83	1.04	0.95	1

### PHYSICAL PROPERTIES

Product	Film Thickness mil/micron	Structure	Adhesive Type	Tensile Strength <sup>2</sup> lb/in	Peel Strength g/in	Break Strength lbs/in	Puncture Strength lbs
<b>SECURITY CLEAR</b>							
Security Clear 4mil PS	4/100	Single Layer	Acrylic Pressure Sensitive	30,000	>2500	120	70
Security Clear 8mil PS	8/200	Multi Layer	Acrylic Pressure Sensitive	30,000	>2500	240	141
Security Clear 14mil PS	14/350	Multi Layer	Acrylic Pressure Sensitive	30,000	>2500	420	230
Security 8 mil Clear View plus 70	8/200	Multi Layer	Acrylic Pressure Sensitive	30,000	>2500	240	141
Security 8mil Neutral 50 PS	8/200	Multi Layer	Acrylic Pressure Sensitive	30,000	>2500	240	141
Security 8mil Neutral 35 PS	8/200	Multi Layer	Acrylic Pressure Sensitive	30,000	>2500	240	141
Security 8mil Silver 15 PS	8/200	Multi Layer	Acrylic Pressure Sensitive	30,000	>2500	240	141
Exterior Security Clear 7mil	7/175	Single Layer	Acrylic Pressure Sensitive	25,000	>2500	175	115
<b>ANTI-GRAFFITI</b>							
Anti-Graffiti 4mil PS	4/100	Multi Layer	Acrylic Pressure Sensitive	N/A	N/A	N/A	N/A
Anti-Graffiti 6mil PS	6/150	Single Layer	Acrylic Pressure Sensitive	N/A	N/A	N/A	N/A

**RECOMMENDED SHELF LIFE** - 2 years from the date of purchase\*

\*If installing film after recommended shelf-life, re-certification by XPEL is required.

**RECOMMENDED STORAGE CONDITIONS** - 72° F (22° C) @ 50% RH

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## VISION DECORATIVE SERIES SPEC SHEET

Part #	Product Description	VISIBLE LIGHT			TOTAL SOLAR ENERGY			U.V. Rejection	Heat Rejection TSER	I.R. Rejection 780-2500nm	*IRER	Shading Coefficient	SHGC	U Factor	Emmissivity	Glare Reduction
		VLT	Reflectivity Exterior	Reflectivity Interior	Energy Transferred	Energy Reflected	Energy Absorbed									
<b>DECORATIVE</b>																
XVWFT	White Frost	65	25	27	61	20	19	99	33	33	32	0.77	0.67	1.12	0.87	28
XVBOT	Black Out	0	6	7	0	5	95	99	75	72	68	0.29	0.25	1.12	0.87	100
XVWOT	White Out	9	68	80	14	53	33	99	78	99	70	0.26	0.22	1.13	0.88	90
XVDC	Dusted Crystal	86	9	9	79	8	13	35	17	N/A	N/A	0.95	0.83	1.04	0.85	4
XVBLS	Blister Prevention	89	8	8	80	8	12	39	16	N/A	20	0.96	0.84	1.03	0.86	0
XVBSD	Bird Safe Dotted	88	10	10	78	9	13	99	18	N/A	N/A	0.94	0.82	1.10	0.95	2

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