

VISION SOLAR SERIES SPEC SHEET

Part #	Product Description	VISIBLE LIGHT			TOTAL SOLAR ENERGY			U.V. Rejection	Heat Rejection TSER	Shading Coefficient	SHGC	U Factor	Emmissivity	Glare Reduction	I.R. Rejection 780-1700mm
		VLT	Reflectivity Exterior	Reflectivity Interior	Energy Transferred	Energy Reflected	Energy Absorbed								
CLEAR VIEW															
XVCLV30	Clear View Ceramic 30% DA	33	16	15	25	22	53	99	60	0.47	0.40	1.02	0.85	63	74
	DUAL PANE	31	22	17	23	21	56	99	47	0.61	0.53	0.48	0.87	64	74
XVCLV40	Clear View Ceramic 40% DA	45	13	12	32	17	51	99	53	0.54	0.47	1.03	0.87	51	72
	DUAL PANE	42	20	14	30	16	54	99	42	0.67	0.58	0.48	0.86	53	72
XVCLV50	Clear View Ceramic 50% DA	51	13	11	39	15	46	99	47	0.61	0.53	0.93	0.83	44	65
	DUAL PANE	46	19	13	33	18	49	99	41	0.68	0.59	0.48	0.83	43	65
XVCLV60	Clear View Ceramic 60% DA	61	11	9	50	12	38	99	38	0.71	0.62	0.94	0.85	32	54
	DUAL PANE	56	18	12	42	16	42	99	36	0.74	0.64	0.48	0.85	32	54
XVCVEN15	Clear View Enhanced 15% DA	16	7	7	16	32	52	99	68	0.38	0.32	0.92	0.80	83	81
	DUAL PANE	13	13	9	13	29	58	99	60	0.46	0.40	0.47	0.80	83	81
XVCVEN25	Clear View Enhanced 25% DA	27	7	7	24	27	49	99	64	0.42	0.36	0.91	0.83	70	82
	DUAL PANE	23	14	9	21	23	56	99	55	0.52	0.45	0.46	0.83	70	82
XVCVEN40	Clear View Enhanced 40% DA	40	7	7	25	29	46	99	59	0.47	0.41	0.92	0.82	54	82
	DUAL PANE	36	14	9	22	25	53	99	50	0.58	0.50	0.47	0.83	54	82
XVCVEN70	Clear View Enhanced 70% DA	70	10	10	32	32	36	99	52	0.55	0.48	0.92	0.81	21	82
	DUAL PANE	62	17	14	28	28	44	99	48	0.60	0.52	0.47	0.82	21	82
XVCVP40	Clear View Plus 40% PS	42	6	7	27	30	43	99	60	0.46	0.40	0.89	0.75	53	91
	DUAL PANE	38	13	8	24	27	49	99	52	0.55	0.48	0.47	0.77	53	91
XVCVP55	Clear View Plus 55% PS	59	8	8	34	30	36	99	56	0.51	0.44	0.90	0.78	34	90
	DUAL PANE	54	15	11	30	27	43	99	50	0.58	0.50	0.47	0.78	34	90
XVCVP70	Clear View Plus 70% PS	72	9	9	37	35	28	99	55	0.52	0.45	0.90	0.77	20	92
	DUAL PANE	64	16	13	32	31	37	99	51	0.56	0.49	0.47	0.77	20	92
NEUTRAL															
XVDAY20	Daylight 20% DA	18	29	32	18	26	56	99	66	0.41	0.35	1.03	0.83	78	84
	DUAL PANE	17	33	34	16	26	58	99	53	0.55	0.47	0.48	0.83	80	84
XVDAY35	Daylight 35% DA	34	16	18	31	17	52	99	53	0.56	0.49	1.05	0.85	62	73
	DUAL PANE	32	23	20	28	19	53	99	43	0.66	0.57	0.48	0.85	64	73
XVDAY60	Daylight 60% DA	57	8	9	53	9	38	99	36	0.76	0.67	1.07	0.89	37	51
	DUAL PANE	52	16	13	46	14	40	99	33	0.77	0.67	0.49	0.89	41	51
XVCYC70	Crystal Clear 70% PS	69	21	20	49	32	19	99	46	0.62	0.54	0.96	0.68	25	62
	DUAL PANE	63	25	23	43	29	28	99	46	0.63	0.55	0.46	0.69	29	62
XVDN15	Dark Neutral 15% DA	12	20	13	18	30	52	99	70	0.35	0.30	0.95	0.70	86	75
	DUAL PANE	10	24	14	15	28	57	99	57	0.49	0.43	0.46	0.71	90	75
XVDN25	Dark Neutral 25% DA	27	20	12	29	22	49	99	57	0.50	0.43	0.96	0.75	70	57
	DUAL PANE	26	25	13	26	20	54	99	47	0.61	0.53	0.47	0.76	71	57

SINGLE PANE GLASS SPECIFICATIONS

DUAL PANE GLASS SPECIFICATIONS

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		VLT	Reflectivity Exterior	Reflectivity Interior	Energy Transferred	Energy Reflected	Energy Absorbed								
METALLIC															
XVEVE15	Evening View 15% DA	15	49	22	13	48	39	99	76	0.29	0.24	0.96	0.69	83	82
	DUAL PANE	13	52	23	13	41	46	99	65	0.40	0.35	0.46	0.69	85	82
XVEVE25	Evening View 25% DA	26	27	13	29	28	43	99	61	0.41	0.39	0.99	0.74	69	71
	DUAL PANE	25	31	15	24	28	48	99	52	0.56	0.48	0.47	0.74	72	71
XVEVE35	Evening View 35% DA	37	13	8	41	15	44	99	44	0.63	0.56	1.02	0.81	59	58
	DUAL PANE	34	19	10	35	18	47	99	40	0.69	0.60	0.48	0.81	62	58
XVEVE45	Evening View 45% DA	46	8	8	50	10	40	99	37	0.73	0.63	1.05	0.87	50	43
	DUAL PANE	41	15	10	43	13	44	99	34	0.76	0.66	0.48	0.84	54	43
XVEVE15	Evening View One-Way DA	8	57	15	9	54	37	99	81	0.23	0.19	0.96	0.69	92	88
	DUAL PANE	8	58	16	9	46	45	99	70	0.35	0.30	0.46	0.69	92	88
XVSVR20	Silver 20% DA	20	57	56	12	54	34	99	78	0.25	0.23	0.91	0.58	78	88
	DUAL PANE	18	58	57	21	37	42	99	69	0.39	0.31	0.44	0.58	79	88
XVSVR30	Silver 30% DA	31	42	41	22	43	35	99	67	0.37	0.31	0.92	0.62	67	81
	DUAL PANE	28	44	43	20	38	42	99	61	0.45	0.39	0.45	0.62	68	81
XVSVR45	Silver 45% DA	45	27	26	35	29	36	99	56	0.51	0.44	0.94	0.68	52	76
	DUAL PANE	41	31	29	29	31	40	99	50	0.57	0.50	0.46	0.68	53	76
XVBRZ20	Bronze 20% DA	22	29	32	14	40	46	99	71	0.32	0.28	0.92	0.61	76	89
	DUAL PANE	21	32	33	14	26	60	99	61	0.44	0.39	0.45	0.61	77	89
XVBRZ35	Bronze 35% DA	35	18	23	25	30	45	99	63	0.43	0.37	0.92	0.62	61	80
	DUAL PANE	32	24	24	22	27	51	99	53	0.54	0.47	0.45	0.62	64	80
EXTERIOR															
XVS2OXT	Exterior Silver 20% PS	18	59	56	15	59	26	99	78	0.26	0.22	1.02	0.78	81	89
	DUAL PANE	17	66	61	11	67	22	99	85	0.18	0.15	0.48	0.68	81	89
XVB35XT	Exterior Bronze 35% PS	34	24	23	24	37	39	99	64	0.42	0.36	1.04	0.80	62	80
	DUAL PANE	34	28	25	21	43	36	99	70	0.35	0.30	0.48	0.69	62	80

SINGLE PANE GLASS SPECIFICATIONS

DUAL PANE GLASS SPECIFICATIONS

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VISION SAFETY & SECURITY SERIES SPEC SHEET

Part #	Product Description	VISIBLE LIGHT			TOTAL SOLAR ENERGY			U.V. Rejection	Heat Rejection TSER	Shading Coefficient	SHGC	U Factor	Emmissivity	Glare Reduction	I.R. Rejection 780-1700mm
		VLT	Reflectivity Exterior	Reflectivity Interior	Energy Transferred	Energy Reflected	Energy Absorbed								
SAFETY CLEAR															
XVSAF04	Safety Clear 4mil	90	9	8	83	36	11	99	13	0.98	0.84	1.12	0.89	1	N/A
XVSAF07	Safety Clear 7mil	90	9	8	81	7	12	99	15	0.98	0.83	1.12	0.88	1	N/A
SECURITY CLEAR															
XVSEC08	Security 8mil	88	9	8	80	7	13	99	17	0.95	0.83	1.07	0.89	3	N/A
XVSEC12	Security 12mil	87	9	9	76	7	17	99	19	0.92	0.81	1.02	0.87	4	N/A
XVSEC15	Security 15mil	87	9	9	75	7	18	99	20	0.92	0.80	1.03	0.87	4	N/A
SOLAR SECURITY															
XV8MS20	Security 8mil Silver	18	58	58	13	53	34	99	78	0.25	0.22	0.91	0.58	80	89
	DUAL PANE	16	59	58	11	46	43	99	69	0.39	0.31	0.44	0.58	80	?
XV8MN35	Security 8mil Daylight	36	16	23	30	19	51	99	54	0.52	0.45	0.98	0.73	60	70
	DUAL PANE	33	21	25	26	19	55	99	46	0.63	0.64	0.47	0.73	62	?
ANTI-GRAFFITI															
XV4AG	Anti-Graffiti 4mil	90	9	9	83	6	11	99	13	0.98	0.84	1.12	0.89	1	58
XV6AG	Anti-Graffiti 6mil	90	9	9	81	7	21	99	15	0.98	0.83	1.12	0.88	1	43

SINGLE PANE GLASS SPECIFICATIONS

DOUBLE PANE GLASS SPECIFICATIONS

PHYSICAL PROPERTIES

Product	Film Thickness	Structural Component	Structure	Adhesive Type	Tensile Strength	Tensile Strength	Tensile Strength
SAFETY & SECURITY							
Safety Clear 4mil	0.0045"	0.004"	Single Layer	Acrylic Pressure Sensitive	25,000 PSI Avg. MD/TD	100 lbs/Inch (Width)	5 - 6 lbs/Inch
Safety Clear 7mil	0.008"	0.007"	Single Layer	Acrylic Pressure Sensitive	25,000 PSI Avg. MD/TD	175 lbs/Inch (Width)	5 - 6 lbs/Inch
Security 8mil	0.0095"	0.008"	Multi Layer	Acrylic Pressure Sensitive	25,000 PSI Avg. MD/TD	200 lbs/Inch (Width)	5 - 6 lbs/Inch
Security 12mil	0.014"	0.0135"	Multi Layer	Acrylic Pressure Sensitive	25,000 PSI Avg. MD/TD	325 lbs/Inch (Width)	5 - 6 lbs/Inch
Security 15mil	0.017"	0.015"	Multi Layer	Acrylic Pressure Sensitive	25,000 PSI Avg. MD/TD	450 lbs/Inch (Width)	5 - 6 lbs/Inch
Security 8mil Silver 20%	0.0010"	0.004"	Multi Layer	Acrylic Pressure Sensitive	25,000 PSI Avg. MD/TD	200 lbs/Inch (Width)	5 - 6 lbs/Inch
Security 8mil Neutral 35%	0.0010"	0.006"	Multi Layer	Acrylic Pressure Sensitive	25,000 PSI Avg. MD/TD	200 lbs/Inch (Width)	5 - 6 lbs/Inch
Anti-Graffiti 4mil	0.004"	0.0085"	Single Layer	Acrylic Pressure Sensitive	25,000 PSI Avg. MD/TD	100 lbs/Inch (Width)	3 - 4 lbs/Inch
Anti-Graffiti 6mil	0.007"	0.0085"	Multi Layer	Acrylic Pressure Sensitive1	25,000 PSI Avg. MD/TD	150 lbs/Inch (Width)	3 - 4 lbs/Inch

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

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

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

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VISION DECORATIVE SERIES SPEC SHEET

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		VLT	Reflectivity Exterior	Reflectivity Interior	Energy Transferred	Energy Reflected	Energy Absorbed								
DECORATIVE															
XVWF	White Frost	67	21	20	61	18	21	99	33	0.77	0.71	1.08	0.85	27	N/A
XVBLO	Black Out	0	5	6	0	8	92	99	79	0.33	0.29	1.01	0.86	100	N/A
XVWHO	White Out	9	61	84	13	48	39	99	76	0.28	0.25	1.08	0.87	90	N/A

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VISION SPECIALTY SERIES SPEC SHEET

Part #	Product Description	VISIBLE LIGHT			TOTAL SOLAR ENERGY			U.V. Rejection	Heat Rejection TSER	Shading Coefficient	SHGC	U Factor	Emmissivity	Glare Reduction	I.R. Rejection 780-1700mm
		VLT	Reflectivity Exterior	Reflectivity Interior	Energy Transferred	Energy Reflected	Energy Absorbed								
SPECIALTY															
XVVIN	Visual Intelligence	94	5	5	85	5	10	99	15	0.98	0.85	0.85	1.05	0	N/A

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