

Product	VISIBLE LIGHT		UV Rejection	SOLAR ENERGY			Thickness	IR REJECTION			Shading Coefficient	TSER
	Transmittance VLT	Reflectance VLR ext / int		Transmittance	Reflectance	Absorbance		900~1,000nm	780~2,500nm	SHGC		
SHURE X 06	6%	6% / 5%	99%	4%	5%	91%	1.5 Mil	97%	96%	0.34	0.39	71%
SHURE X 12	12%	5% / 5%	99%	9%	5%	86%	1.5 Mil	95%	95%	0.39	0.44	65%
SHURE X 20	20%	5% / 5%	99%	11%	5%	84%	1.5 Mil	97%	97%	0.38	0.44	63%
SHURE X 32	32%	5% / 5%	99%	21%	5%	74%	1.5 Mil	95%	95%	0.46	0.54	58%
SHURE X 50	52%	6% / 7%	99%	28%	5%	67%	1.5 Mil	95%	95%	0.59	0.59	57%
SANTANA 06	6%	6% / 5%	99%	10%	5%	85%	1.5 Mil	92%	91%	0.38	0.43	69%
SANTANA 12	13%	6% / 5%	99%	10%	5%	85%	1.5 Mil	92%	95%	0.38	0.44	68%
SANTANA 22	22%	6% / 5%	99%	15%	5%	80%	1.5 Mil	94%	95%	0.41	0.47	62%
SANTANA 32	32%	6% / 6%	99%	22%	5%	73%	1.5 Mil	91%	93%	0.46	0.53	57%
OPTIC W 05	5%	6% / 5%	99%	11%	5%	84%	1.5 Mil	82%	92%	0.39	0.44	62%
OPTIC W 15	13%	6% / 5%	99%	13%	5%	82%	1.5 Mil	81%	94%	0.40	0.46	60%
OPTIC W 35	33%	6% / 5%	99%	23%	5%	72%	1.5 Mil	85%	94%	0.47	0.54	56%
RODE 05	5%	5% / 5%	99%	11%	5%	84%	1.5 Mil	81%	94%	0.40	0.46	64%
RODE 15	14%	5% / 5%	99%	15%	5%	80%	1.5 Mil	81%	91%	0.43	0.49	60%
RODE 35	38%	5% / 5%	99%	27%	6%	67%	1.5 Mil	80%	91%	0.51	0.59	52%
RODE 50	52%	7% / 7%	99%	35%	5%	60%	1.5 Mil	80%	90%	0.56	0.65	47%
FORET 05	5%	5% / 5%	99%	13%	5%	82%	1.5 Mil	82%	90%	0.43	0.45	61%
FORET 15	15%	6% / 6%	99%	19%	5%	76%	1.5 Mil	77%	90%	0.46	0.51	58%
FORET 35	33%	6% / 6%	99%	36%	5%	59%	1.5 Mil	63%	84%	0.57	0.61	49%
FORET 50	50%	6% / 6%	99%	45%	5%	50%	1.5 Mil	80%	88%	0.64	0.69	26%
PENDER S 06	6%	5% / 6%	99%	12%	5%	83%	1.5 Mil	81%	89%	0.39	0.44	61%
PENDER S 12	11%	5% / 6%	99%	15%	5%	80%	1.5 Mil	77%	90%	0.41	0.47	59%
PENDER S 32	31%	6% / 6%	99%	31%	5%	64%	1.5 Mil	62%	84%	0.52	0.59	48%
PENDER S 80	84%	6% / 7%	99%	63%	6%	31%	1.5 Mil	53%	54%	0.73	0.84	27%
PENDER 05	6%	5% / 5%	99%	15%	5%	80%	1.5 Mil	72%	85%	0.43	0.48	59%
PENDER 15	15%	5% / 5%	99%	20%	5%	75%	1.5 Mil	70%	87%	0.46	0.52	55%
PENDER 35	40%	5% / 5%	99%	37%	5%	58%	1.5 Mil	55%	83%	0.57	0.65	46%
PENDER 50	54%	7% / 7%	99%	48%	6%	46%	1.5 Mil	46%	79%	0.64	0.73	41%

Total Solar Energy Rejection = 1-SHGC (Solar Heat Gain Coefficient), Ultraviolet Ray Rejection = 1-UV Transmission, Glare Reduction is the percentage reduction in visible light transmission through glass, from glass without film to that with film and calculated as $(VLT1-VLT2/VLT1) \times 100\%$, where VLT1 is the visible light transmission of the glass without film, VLT2 is the visible light transmission of glass with film. The data was prepared in the format required by IGDB and imported in OPTICS. The film side of the glass faces the indoor environment

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REINEY BLUE 10	11%	17% / 11%	99%	11%	20%	69%	2 Mil	88%	96%	0.33	0.38	71%
REINEY BLUE 25	25%	15% / 14%	99%	23%	17%	60%	2 Mil	80%	92%	0.39	0.48	65%
BACH 10	11%	18% / 9%	99%	12%	24%	64%	2 Mil	85%	95%	0.33	0.38	67%
BACH 25	23%	15% / 12%	99%	21%	19%	60%	2 Mil	78%	91%	0.40	0.46	60%
HANDEL 10	12%	23% / 9%	99%	12%	28%	60%	2 Mil	86%	95%	0.32	0.37	68%
HANDEL 25	23%	18% / 11%	99%	20%	20%	60%	2 Mil	79%	92%	0.40	0.46	60%
SUNSET R 06	6%	19% / 8%	99%	9%	21%	70%	1.5 Mil	90%	89%	0.32	0.36	69%
SUNSET R 10	10%	16% / 7%	99%	16%	16%	68%	1.5 Mil	85%	79%	0.39	0.44	65%
SUNSET R 22	22%	17% / 9%	99%	25%	14%	61%	1.5 Mil	78%	75%	0.45	0.51	62%
SUNSET R 30	28%	16% / 7%	99%	27%	17%	56%	1.5 Mil	77%	77%	0.47	0.53	59%
SUNSET Q 10	11%	15% / 11%	99%	13%	20%	67%	1.5 Mil	82%	85%	0.34	0.39	64%
SUNSET Q 25	24%	15% / 10%	99%	26%	17%	57%	1.5 Mil	76%	81%	0.44	0.50	62%

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