



## Triple Insulating Glass Performance Data

1-3/4" Triple Insulating Units manufactured with 1/4" exterior ply + 1/2" space + 1/4" Clear + 1/2" space + 1/4" Clear  
1/2" space filled with air or argon as designated below

**Chart 1: Single Low-e Coating on #2 Surface, specific coating listed under product designation**

Product Designation	Transmittance			Reflectance			Winter U-Value		Summer U-Value		Shading Coefficient (SC)	Relative Heat Gain (RHG)	Solar Heat Gain Coefficient (SHGC)	Light to Solar Gain Ratio (LSG)
	Visible	Solar	UV	Vis-Out	Vis-In	Solar	Air	Argon	Air	Argon				
VE1-85	68%	38%	21%	17%	18%	23%	.22	.20	.23	.19	.57	117	.49	1.39
VE1-2M	63%	28%	8%	15%	17%	32%	.21	.19	.21	.17	.40	82	.34	1.85
VE1-52	44%	26%	17%	18%	17%	21%	.23	.20	.23	.20	.41	85	.36	1.22
VE1-55	42%	23%	11%	13%	21%	22%	.22	.20	.23	.19	.36	75	.31	1.35
VE1-48	42%	25%	16%	19%	17%	23%	.22	.20	.23	.19	.39	81	.34	1.24
VE1-42	33%	20%	12%	20%	19%	21%	.22	.20	.23	.19	.32	68	.28	1.18
VE1-40	33%	17%	8%	16%	23%	25%	.22	.20	.23	.19	.28	60	.25	1.32
VRE1-67	54%	27%	16%	32%	28%	36%	.22	.19	.21	.18	.40	82	.34	1.59
VRE1-59	47%	24%	14%	33%	23%	39%	.22	.19	.22	.18	.35	73	.30	1.57
VRE1-54	42%	21%	13%	34%	21%	38%	.22	.19	.22	.18	.32	67	.28	1.50
VRE1-46	38%	19%	12%	36%	20%	40%	.22	.19	.21	.18	.30	62	.26	1.46
VRE1-38	32%	16%	10%	41%	25%	47%	.22	.19	.21	.17	.24	51	.21	1.52
VRE1-30	25%	12%	8%	48%	20%	47%	.22	.19	.21	.18	.20	43	.17	1.47
VNE1-63	55%	21%	4%	13%	16%	38%	.21	.18	.21	.17	.30	63	.26	2.12
VUE1-50	43%	17%	5%	13%	17%	27%	.21	.18	.21	.17	.26	56	.23	1.87

**Chart 2: Single Low-e Coating on #2 Surface, specific coating listed under product designation, and Low-e VE-85 coating on #4 surface**

Product Designation	Transmittance			Reflectance			Winter U-Value		Summer U-Value		Shading Coefficient (SC)	Relative Heat Gain (RHG)	Solar Heat Gain Coefficient (SHGC)	Light to Solar Gain Ratio (LSG)
	Visible	Solar	UV	Vis-Out	Vis-In	Solar	Air	Argon	Air	Argon				
VE1-85	65%	33%	12%	16%	16%	23%	.17	.14	.17	.14	.51	104	.44	1.48
VE1-2M	60%	26%	5%	14%	26%	32%	.16	.13	.16	.13	.37	77	.32	1.88
VE1-52	43%	22%	10%	17%	15%	21%	.17	.14	.17	.14	.36	75	.31	1.39
VE1-55	40%	20%	6%	13%	19%	22%	.17	.14	.17	.14	.32	67	.28	1.43
VE1-48	40%	21%	9%	18%	15%	23%	.17	.14	.17	.14	.34	71	.30	1.33
VE1-42	32%	17%	7%	20%	17%	22%	.17	.14	.17	.14	.28	59	.25	1.28
VE1-40	31%	15%	5%	16%	21%	25%	.17	.14	.17	.14	.25	53	.22	1.41
VRE1-67	51%	24%	9%	31%	25%	36%	.16	.13	.16	.13	.36	75	.32	1.59
VRE1-59	45%	21%	8%	32%	21%	39%	.16	.13	.16	.13	.32	67	.28	1.61
VRE1-54	40%	19%	8%	33%	19%	38%	.16	.13	.16	.13	.29	61	.25	1.60
VRE1-46	37%	18%	7%	35%	18%	40%	.16	.13	.16	.13	.27	57	.24	1.54
VRE1-38	31%	14%	6%	45%	23%	47%	.16	.13	.16	.13	.22	47	.19	1.63
VRE1-30	24%	11%	5%	48%	18%	47%	.16	.13	.16	.13	.18	39	.16	1.50
VNE1-63	53%	20%	2%	12%	15%	38%	.16	.13	.16	.13	.28	59	.25	2.12
VUE1-50	42%	16%	3%	12%	15%	27%	.16	.13	.16	.13	.25	51	.21	2.00

Centerpane data based on NFRC Standard conditions calculated with the Window 5.2 program.  
For further explanation of terms contact us at 800-533-2080 or visit [www.viracon.com](http://www.viracon.com)