



LoE Performance Statistics

Single Pane

IG TYPE AND COATING	VISIBLE LIGHT			FADE TRANSMISSION		SOLAR	U-FACTOR	
	TRANS-MITTANCE	EXTERNAL REFLECTANCE	INTERNAL REFLECTANCE	UV	ISO	HEAT GAIN COEFFICIENT	IP	SI
Clear	90%	8%	8%	0.71	0.84	0.86	1.04	5.91
Tinted	68%	7%	7%	0.38	0.58	0.73	1.04	5.91

3/4" Double Pane

IG TYPE AND COATING	VISIBLE LIGHT			FADE TRANSMISSION		SOLAR	U-FACTOR	
	TRANS-MITTANCE	EXTERNAL REFLECTANCE	INTERNAL REFLECTANCE	UV	ISO	HEAT GAIN COEFFICIENT	AIR FILL	ARGON FILL
Clear / Clear	82%	15%	15%	0.58	0.75	0.78	0.48	--
Tinted / Clear	61%	10%	14%	0.32	0.52	0.63	0.48	--
Clear / Pyro Low-E #3	76%	17%	17%	0.50	0.68	0.72	0.34	0.30

WITH LoE COATINGS

3/4" 2 Pane LoE

IG TYPE AND COATING	VISIBLE LIGHT			FADE TRANSMISSION		SOLAR	U-FACTOR IP / SI	
	TRANS-MITTANCE	EXTERNAL REFLECTANCE	INTERNAL REFLECTANCE	UV	ISO	HEAT GAIN COEFFICIENT	AIR FILL	ARGON FILL
Clear / LoE-180 #3	79%	15%	15%	0.28	0.62	0.68	0.31	0.26
LoE ² -272 #2 Clear	72%	11%	12%	0.16	0.55	0.41	0.30	0.25
LoE ² -270 #2 Clear	70%	12%	13%	0.14	0.53	0.37	0.30	0.25
LoE ² -366 #2 Clear	65%	11%	12%	0.05	0.43	0.27	0.29	0.24
LoE ² -340 #2 Clear	39%	13%	16%	0.02	0.27	0.18	0.29	0.25

3/4" 2 Pane LoE +i89

IG TYPE AND COATING	VISIBLE LIGHT			FADE TRANSMISSION		SOLAR	U-FACTOR IP / SI	
	TRANS-MITTANCE	EXTERNAL REFLECTANCE	INTERNAL REFLECTANCE	UV	ISO	HEAT GAIN COEFFICIENT	AIR FILL	ARGON FILL
LoE -180 #2 i89 #4	77%	15%	14%	0.27	0.61	0.62	0.24	0.21
LoE ² -272 #2 i89 #4	70%	11%	11%	0.16	0.53	0.41	0.23	0.20
LoE ² -270 #2 i89 #4	69%	12%	12%	0.14	0.51	0.36	0.23	0.20
LoE ² -366 #2 i89 #4	63%	11%	11%	0.05	0.41	0.27	0.23	0.20
LoE ² -340 #2 i89 #4	38%	15%	15%	0.02	0.26	0.17	0.23	0.20

TRIPLE PANE WITH LoE COATINGS

7/8" 3 Pane w/2 LoE

IG TYPE AND COATING	VISIBLE LIGHT			FADE TRANSMISSION		SOLAR	U-FACTOR IP / SI	
	TRANS-MITTANCE	EXTERNAL REFLECTANCE	INTERNAL REFLECTANCE	UV	ISO	HEAT GAIN COEFFICIENT	AIR FILL	ARGON FILL
LoE -180 #2 Clear E180 #5	70%	20%	20%	0.13	0.50	0.56	0.26	0.20
LoE ² -272 #2 Clear E180 #5	63%	15%	18%	0.08	0.44	0.37	0.25	0.20
LoE ² -270 #2 Clear E180 #5	62%	16%	19%	0.07	0.43	0.33	0.25	0.20
LoE ² -366 #2 Clear E180 #5	57%	14%	18%	0.02	0.36	0.25	0.25	0.20
LoE ² -340 #2 Clear E180 #5	34%	15%	21%	0.01	0.22	0.16	0.25	0.20

1 1/8" 3 Pane w/2 LoE

IG TYPE AND COATING	VISIBLE LIGHT			FADE TRANSMISSION		SOLAR	U-FACTOR IP / SI	
	TRANS-MITTANCE	EXTERNAL REFLECTANCE	INTERNAL REFLECTANCE	UV	ISO	HEAT GAIN COEFFICIENT	AIR FILL	ARGON FILL
LoE ⁻ -180 #2 Clear / E180 #5	70%	20%	20%	0.13	0.50	0.56	0.19	0.15
LoE ⁻ -272 #2 Clear / E180 #5	63%	15%	18%	0.08	0.44	0.37	0.19	0.15
LoE ⁻ -270 #2 Clear / E180 #5	62%	16%	19%	0.07	0.43	0.33	0.19	0.15
LoE ⁻ -366 #2 Clear / E180 #5	57%	14%	18%	0.02	0.36	0.25	0.19	0.15
LoE ⁻ -340 #2 Clear / E180 #5	34%	15%	21%	0.01	0.22	0.16	0.19	0.15

1 3/8" 3 Pane w/2 LoE

IG TYPE AND COATING	VISIBLE LIGHT			FADE TRANSMISSION		SOLAR	U-FACTOR IP / SI	
	TRANS-MITTANCE	EXTERNAL REFLECTANCE	INTERNAL REFLECTANCE	UV	ISO	HEAT GAIN COEFFICIENT	AIR FILL	ARGON FILL
LoE ⁻ -180 #2 Clear / E180 #5	70%	20%	20%	0.13	0.50	0.56	0.17	0.13
LoE ⁻ -272 #2 Clear / E180 #5	63%	15%	18%	0.08	0.44	0.37	0.16	0.13
LoE ⁻ -270 #2 Clear / E180 #5	62%	16%	19%	0.07	0.43	0.33	0.16	0.13
LoE ⁻ -366 #2 Clear / E180 #5	57%	14%	18%	0.02	0.36	0.25	0.16	0.13
LoE ⁻ -340 #2 Clear / E180 #5	34%	15%	21%	0.01	0.22	0.16	0.16	0.13

1 3/8" 3 Pane w/2 LoE + i89

IG TYPE AND COATING	VISIBLE LIGHT			FADE TRANSMISSION		SOLAR	U-FACTOR IP / SI	
	TRANS-MITTANCE	EXTERNAL REFLECTANCE	INTERNAL REFLECTANCE	UV	ISO	HEAT GAIN COEFFICIENT	AIR FILL	ARGON FILL
LoE ⁻ -180 #2 / E180 #4 i89 #6	68%	21%	19%	0.13	0.49	0.53	0.14	0.12
LoE ⁻ -272 #2 / E180 #4 i89 #6	62%	15%	16%	0.08	0.43	0.36	0.14	0.11
LoE ⁻ -270 #2 / E180 #4 i89 #6	60%	16%	17%	0.07	0.42	0.32	0.14	0.11
LoE ⁻ -366 #2 / E180 #4 i89 #6	56%	14%	16%	0.02	0.35	0.24	0.14	0.11
LoE ⁻ -340 #2 / E180 #4 i89 #6	33%	15%	19%	0.01	0.22	0.15	0.14	0.11