

Low E Glass Parameter

1. Single Silver Low E Insulated Glass

Glass Configuration	Reflective Colour	Visible Light(%)			Solar Energy(%)		US Standard NFRC 2010					SHGC
		Trans%	Reflectance %		Trans	Ref.	U-value(W/m ² .K)				SC	
			Outer	Inner			Air		Argon			
							Winter	Summer	Winter	Summer		
6NGOptiliteS1.10+12A+6C	Neutral	76	15.1	14.3	45.3	26.2	1.69	1.64	1.38	1.3	0.6	0.52
6NGOptiliteS1.10+16A+6C	Neutral	76	15.1	14.3	45.3	26.2	1.73	1.39	1.44	1.1	0.6	0.52
6NGOptiliteUS1.10+12A+6UC	Neutral	80	14.6	14.2	52.8	29.5	1.67	1.62	1.62	1.28	0.63	0.55
6NGOptiliteUS1.10+16A+6UC	Neutral	80	14.6	14.2	52.8	29.5	1.72	1.37	1.42	1.07	0.63	0.55
6NGOptiliteS1.16+12A+6C	Neutral	79	13	13	50	24	1.72	1.69	1.45	1.39	0.65	0.57
6NGOptiliteS1.16+16A+6C	Neutral	79	13	13	50	24	1.76	1.44	1.51	1.16	0.65	0.57
6NGOptiliteUS1.16+12A+6UC	Neutral	82	14	14	60	30	1.73	1.70	1.46	1.40	0.71	0.61
6NGOptiliteUS1.16+16A+6UC	Neutral	82	14	14	60	30	1.77	1.45	1.51	1.16	0.71	0.61
6NGOptiliteS83+12A+6C	Neutral	74	12	13	46	20	1.75	1.72	1.48	1.43	0.61	0.53
6NGOptiliteS83+16A+6C	Neutral	74	12	13	46	20	1.78	1.48	1.54	1.23	0.61	0.53
6NGOptiliteUS83+12A+6UC	Neutral	78	12	13	56	24	1.74	1.71	1.47	1.42	0.67	0.58
6NGOptiliteUS83+16A+6UC	Neutral	78	12	13	56	24	1.78	1.47	1.53	1.22	0.67	0.58
6NGOptisolarS70+12A+6C	Blue Grey	61	17	12	38	20	1.86	1.87	1.61	1.61	0.52	0.45
6NGOptisolarS70+16A+6C	Blue Grey	61	17	12	38	20	1.89	1.65	1.66	1.43	0.52	0.45
6NGOptisolarUS70+12A+6UC	Blue Grey	64	18	12	43	27	1.86	1.87	1.61	1.61	0.57	0.50
6NGOptisolarUS70+16A+6UC	Blue Grey	64	18	12	43	27	1.89	1.65	1.66	1.43	0.57	0.50
6NGOptisolarS60+12A+6C	Grey	54	18	11	34	21	1.86	1.87	1.61	1.60	0.47	0.41
6NGOptisolarS60+16A+6C	Grey	54	18	11	34	21	1.89	1.65	1.66	1.43	0.47	0.41
6NGOptisolarUS60+12A+6UC	Grey	56	19	12	40	27	1.86	1.87	1.61	1.60	0.51	0.45
6NGOptisolarUS60+16A+6UC	Grey	56	19	12	40	27	1.89	1.65	1.66	1.43	0.51	0.45
6NGOptisolarS50+12A+6C	Light Grey	44	22	11	28	23	1.85	1.85	1.59	1.59	0.40	0.35
6NGOptisolarS50+16A+6C	Light Grey	44	22	11	28	23	1.88	1.63	1.65	1.41	0.40	0.35
6NGOptisolarUS50+12A+6UC	Light Grey	46	23	11	33	31	1.85	1.85	1.59	1.59	0.43	0.37
6NGOptisolarUS50+16A+6UC	Light Grey	46	23	11	33	31	1.88	1.63	1.65	1.41	0.43	0.37

2. Double Silver Low E Insulated Glass

6NGOptisolarD80+12A+6C	Neutral	69	13	13	33	34	1.66	1.60	1.38	1.29	0.43	0.37
6NGOptisolarD80+16A+6C	Neutral	69	13	13	33	34	1.70	1.34	1.44	1.08	0.43	0.37
6NGOptisolarUD80+12A+6UC	Neutral	72	13	14	38	41	1.66	1.60	1.38	1.29	0.45	0.39
6NGOptisolarUD80+16A+6UC	Neutral	72	13	14	38	41	1.70	1.34	1.44	1.08	0.45	0.39
6NGOptisolarD70+12A+6C	Light Blue Grey	61	16	18	31	26	1.71	1.68	1.44	1.38	0.41	0.36
6NGOptisolarD70+16A+6C	Light Blue Grey	61	16	18	31	26	1.75	1.43	1.51	1.19	0.41	0.36
6NGOptisolarUD70+12A+6UC	Light Blue Grey	64	16	18	35	35	1.72	1.69	1.45	1.39	0.43	0.37
6NGOptisolarUD70+16A+6UC	Light Blue Grey	64	16	18	35	35	1.76	1.44	1.51	1.19	0.43	0.37
6NGOptisolarD57+12A+6C	Light Grey	50	15	13	23	30	1.69	1.64	1.41	1.34	0.32	0.28
6NGOptisolarD57+16A+6C	Light Grey	50	15	13	23	30	1.73	1.39	1.47	1.13	0.32	0.28
6NGOptisolarUD57+12A+6UC	Light Grey	53	15	14	26	41	1.69	1.64	1.41	1.34	0.33	0.29
6NGOptisolarUD57+16A+6UC	Light Grey	53	15	14	26	41	1.73	1.39	1.47	1.13	0.33	0.29
6NGOptisolarD49+12A+6C	Blue Grey	45	15	13	21	32	1.69	1.64	1.41	1.34	0.29	0.25
6NGOptisolarD49+16A+6C	Blue Grey	45	15	13	21	32	1.73	1.39	1.47	1.13	0.29	0.25
6NGOptisolarUD49+12A+6UC	Blue Grey	47	15	13	23	44	1.69	1.64	1.41	1.34	0.30	0.26
6NGOptisolarUD49+16A+6UC	Blue Grey	47	15	13	23	44	1.73	1.39	1.47	1.13	0.30	0.26
6NGOptisolarD45+12A+6C	Silver Grey	39	25	15	17	39	1.68	1.63	1.40	1.32	0.24	0.21
6NGOptisolarD45+16A+6C	Silver Grey	39	25	15	17	39	1.72	1.38	1.46	1.11	0.24	0.21
6NGOptisolarUD45+12A+6UC	Silver Grey	41	25	15	18	52	1.68	1.63	1.40	1.32	0.24	0.21
6NGOptisolarUD45+16A+6UC	Silver Grey	41	25	15	18	52	1.72	1.38	1.46	1.11	0.24	0.21

3. Triple Silver Low E Insulated Glass

6NGOptiselect70XLVT+12A+6C	Blue Green	67	15	16	26	40	1.62	1.55	1.31	1.19	0.34	0.30
6NGOptiselect70XLVT+16A+6C	Blue Green	67	15	16	26	40	1.67	1.29	1.37	0.98	0.33	0.29
6NGOptiselectUT72+12A+6UC	Blue Green	71	14	15	29	53	1.63	1.56	1.31	1.20	0.35	0.31
6NGOptiselectUT72+16A+6UC	Blue Green	71	14	15	29	53	1.67	1.29	1.37	0.99	0.35	0.31
6C NGSJ72s-1#2+12A+6C	Neutral	66	11	12	28	38	1.68	1.63	1.48	1.43	0.36	0.31
6C NGSJ52s-1#2+12A+6C	Neutral	53	13	13	22	39	1.66	1.60	1.46	1.40	0.29	0.25
6C NGSJ66s-1#2+12A+6C	Silver Grey	58	11	16	27	28	1.66	1.60	1.46	1.40	0.36	0.31
6C NGLB52s-1#2+12A+6C	Light Grey	51	16	16	20	40	1.66	1.60	1.46	1.40	0.27	0.23
6C GBJ47s-1#2+12A+6C	Silver Grey	44	25	23	17	45	1.66	1.60	1.46	1.40	0.23	0.20
6C NGBJ49s-1#2+12A+6C	Grey	47	20	18	19	42	1.70	1.66	1.50	1.46	0.26	0.23
6C NGSJ65s-1#2+12A+6C	Silver Grey	62	12	12	25	38	1.66	1.60	1.46	1.40	0.32	0.28
6C NGBJ45s-1#2+12A+6C	Silver Grey	35	14	16	13	35	1.66	1.60	1.46	1.40	0.20	0.17

Notes:

1. Parameter is calculated according to Window 5.2

Low E Glass Parameter

2. Actual glass parameter tested might have slight difference with this calculated data sheet
 3. This data sheet is not covering all of our produce range of low e and reflective glass.
- For more information, please consult our technical sales.