

LiteZone® Performance Ranges

NFRC METHOD | METRIC



LiteZone® Insulating Glass Performance Ranges

Product Groups	No. of layers		Gap size (mm)		Unit thickness using 6mm glass		Centre of Glass RSI-Value 1/(W/m2*K)		Centre of Glass U-Value W/m2*K		Shading Coefficient		Solar Heat Gain Coefficient		Visible Light Transmission		Window RSI-Value Range 1/(W/m2*K)		Window U-Value Range W/m2*K			
	Glass	Film	A	B	Inches	mm	Min	Max	Max	Min	Min	Max	Min	Max	Min	Max	Min	Max	Max	Min		
																					Min	Max
Available Now	1	L0365	2	1	16.5	n/a	1.75	44.5	0.56	1.35	1.794	0.738	0.24	0.73	0.21	0.63	0.48	0.70	0.57	1.17	1.743	0.852
	2	L0379	2	1	20	n/a	2.02	51.3	0.55	1.31	1.811	0.761	0.24	0.73	0.21	0.63	0.47	0.70	0.58	1.17	1.738	0.852
	3	L0465	2	2	16.5	12	2.22	56.3	0.73	1.89	1.374	0.528	0.20	0.66	0.17	0.57	0.39	0.63	0.72	1.53	1.396	0.653
	4	L0479	2	2	20	20	2.81	71.4	0.74	1.98	1.346	0.505	0.20	0.66	0.17	0.57	0.39	0.63	0.76	1.66	1.323	0.602
	5	L0499	2	2	26.5	20	3.32	84.3	0.73	1.91	1.363	0.522	0.20	0.66	0.18	0.57	0.39	0.63	0.77	1.68	1.306	0.596
	6	L0579	2	3	20	20	3.61	91.7	0.93	2.71	1.073	0.369	0.17	0.60	0.15	0.52	0.32	0.58	0.95	2.17	1.056	0.460
	7	L0679	2	4	20	20	4.38	111.3	1.12	3.04	0.891	0.329	0.18	0.55	0.15	0.48	0.33	0.53	1.13	2.45	0.886	0.409
Available Later*	8	L0779	2	5	20	20	5.19	131.8	1.31	3.32	0.761	0.301	0.17	0.51	0.15	0.44	0.30	0.49	1.31	2.75	0.761	0.363
	9	L0879	2	6	20	20	5.98	151.9	1.51	3.45	0.664	0.290	0.17	0.47	0.15	0.41	0.30	0.45	1.49	2.89	0.670	0.346
	10	L0979	2	7	20	20	6.77	172.0	1.69	3.67	0.591	0.273	0.16	0.44	0.14	0.38	0.28	0.42	1.68	3.09	0.596	0.324
	11	L1079	2	8	20	20	7.56	192.0	1.87	3.83	0.534	0.261	0.15	0.41	0.13	0.36	0.25	0.40	1.87	3.32	0.534	0.301

* Product group will become available at a future date.

PERFORMANCE RANGES OF LITEZONE® PRODUCT GROUPS

- Data is derived using Window 7.8 and Therm 7.8 software from Lawrence Berkeley National Laboratory, Berkeley, CA, and are based on NFRC 100-2010 weather conditions for a 1.2 m x 1.5 m (~4 ft. x ~5 ft.) generic wood fixed window.
- Each of the 11 LiteZone® product groups are distinguished by the number of suspended PET films layers (1 to 8 films), the size of the gaps between each layer and the overall glass unit thickness.
- Performance within each product group then varies depending on the number and type of low-e coats used.
- The glass unit thicknesses shown are based on using 6 mm glass lites. If thinner glass lites are appropriate for the intended application, then the glass unit thickness can be reduced accordingly.