

LiteZone® Performance Ranges

NFRC METHOD | IMPERIAL



LiteZone® Insulating Glass Performance Ranges																						
Product Groups		No. of layers		Gap size (Inches)		Unit thickness using 6mm glass		Centre of Glass R-Value 1/(Btu/hr*ft2*°F)		Centre of Glass U-Value Btu/hr*ft2*°F		Shading Coefficient		Solar Heat Gain Coefficient		Visible Light Transmission		Window R-Value Range 1/(Btu/hr*ft2*°F)		Window U-Value Range Btu/hr*ft2*°F		
		Glass	Film	A	B	Inches	mm	Min	Max	Max	Min	Min	Max	Min	Max	Min	Max	Min	Max	Max	Min	
Available Now	1	L0365	2	1	0.65	n/a	1.75	44.5	3.2	7.7	0.316	0.130	0.24	0.73	0.21	0.63	0.48	0.70	3.3	6.7	0.307	0.150
	2	L0379	2	1	0.79	n/a	2.02	51.3	3.1	7.5	0.319	0.134	0.24	0.73	0.21	0.63	0.47	0.70	3.3	6.7	0.306	0.150
	3	L0465	2	2	0.65	0.47	2.22	56.3	4.1	10.8	0.242	0.093	0.20	0.66	0.17	0.57	0.39	0.63	4.1	8.7	0.246	0.115
	4	L0479	2	2	0.79	0.79	2.81	71.4	4.2	11.2	0.237	0.089	0.20	0.66	0.17	0.57	0.39	0.63	4.3	9.4	0.233	0.106
	5	L0499	2	2	1.04	0.79	3.32	84.3	4.2	10.9	0.240	0.092	0.20	0.66	0.18	0.57	0.39	0.63	4.3	9.5	0.230	0.105
	6	L0579	2	3	0.79	0.79	3.61	91.7	5.3	15.4	0.189	0.065	0.17	0.60	0.15	0.52	0.32	0.58	5.4	12.3	0.186	0.081
	7	L0679	2	4	0.79	0.79	4.38	111.3	6.4	17.2	0.157	0.058	0.18	0.55	0.15	0.48	0.33	0.53	6.4	13.9	0.156	0.072
Available Later*	8	L0779	2	5	0.79	0.79	5.19	131.8	7.5	18.9	0.134	0.053	0.17	0.51	0.15	0.44	0.30	0.49	7.5	15.6	0.134	0.064
	9	L0879	2	6	0.79	0.79	5.98	151.9	8.5	19.6	0.117	0.051	0.17	0.47	0.15	0.41	0.30	0.45	8.5	16.4	0.118	0.061
	10	L0979	2	7	0.79	0.79	6.77	172.0	9.6	20.8	0.104	0.048	0.16	0.44	0.14	0.38	0.28	0.42	9.5	17.5	0.105	0.057
	11	L1079	2	8	0.79	0.79	7.56	192.0	10.6	21.7	0.094	0.046	0.15	0.41	0.13	0.36	0.25	0.40	10.6	18.9	0.094	0.053

* 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.