



Polycarbonate Performance Matrix

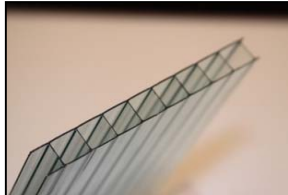
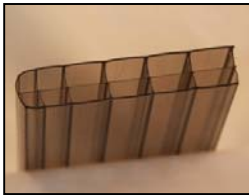
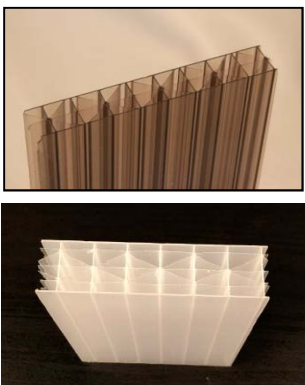
Standard Widths:

Flat Sheet 6mm-25mm - 48" and 72"

Except: *G-25-XW 25mm - 49.25"

Standard Lengths:

24' - 39'

STANDARD FLAT SHEETS	Twin-Wall			Triple-Wall		X-Wall		
								
Number of Layers	2			3		5	7	7
Duo-Gard model number	G-6-2W	G-8-2W	G-10-2W	G-16-3W	G-25-3W	G-16-XW	*G-25-XW	AS-25-XW
Sheet mm	6	8	10	16	25	16	25	25
Thickness in	1/4"	5/16"	3/8"	5/8"	1"	5/8"	1"	1"
Weight lbs/sq ft	.266	.307	.308	.553	.665	.522	.700	.655
U-Value	.61	.58	.52	.40	.34	.37	.29	.30
with Lumira	N/A	N/A	.32	.26	.16	N/A	N/A	N/A
R-Value	1.64	1.72	1.92	2.50	2.94	2.7	3.44	3.33
Minimum Bending Radius	41"	55"	69"	110"	173"	137"		
Light Transmission (LT)								
(%) Clear	80	81	80	74	72	65	57	57
with Lumira	N/A	N/A	60	52	49	N/A	N/A	N/A
(%) Bronze	51	65	65	37	35	30	N/A	25
(%) Opal	57	57	57	52	35	40	27	46
Shading Coefficient (SC)								
Clear	0.91	0.94	0.94	0.86	0.75	0.78	0.75	0.61
Bronze	0.76	0.80	0.86	0.65		0.57	N/A	0.57
Opal	0.76	0.75	0.74	0.72	0.58	0.52	0.62	0.62
Solar Heat Gain Coefficient (SHGC)								
Clear	0.80	0.82	0.82	0.75	0.78	0.68	0.61	0.065
with Lumira	N/A	N/A	0.70	0.57	0.54	N/A	N/A	N/A
Bronze	0.66	0.69	0.69	0.56		0.49	N/A	0.42
Opal	0.66	0.65	0.64	0.63	0.51	0.45	0.37	0.47

Standard Colors: Clear, Bronze and Opal

*Available in Clear and Opal only

Blue and Green are available based on availability

NFRC 'center of glazing' rated values