

GALLINA USA

MULTIPLE WALL POLYCARBONATE SHEETS **PoliCarb® & ArcoPlus®**



HIGH LIGHT
transmission

VIRTUALLY
unbreakable

UV PROTECTED
thermal performance

ANTI-DRIP/ANTI-FOG
coating

POLYCARBONATE
10 year warranty



FOR USE IN:

- Commercial Greenhouses
- Home Greenhouses
- Office Partitions
- Vertical Glazing
- Industrial Roofing
- Pool Enclosures
- Patio Covering
- Window Replacement
- Skylights
- Domes
- Shelters
- Canopies
- Sheds
- Walkways
- Carports
- Sunrooms


MADE IN USA

All products manufactured in Janesville, WI to USA standards


Call Toll Free **888-I-NEED GALLINA** (888-463-3342)
Tel: (608) 531-0450 • Fax: (608) 531-0451 • www.gallinausa.com
Send inquiries to info@gallinausa.com




Multiple-Wall coextruded polycarbonate sheets



2 layers
on request U.V. protection on both sides
thickness 4-4.5-6-8-10 (mm)



3 layers
on request U.V. protection on both sides
thickness 10 & 16 (mm)



4 layers
on request U.V. protection on both sides
thickness 8-10 (mm)

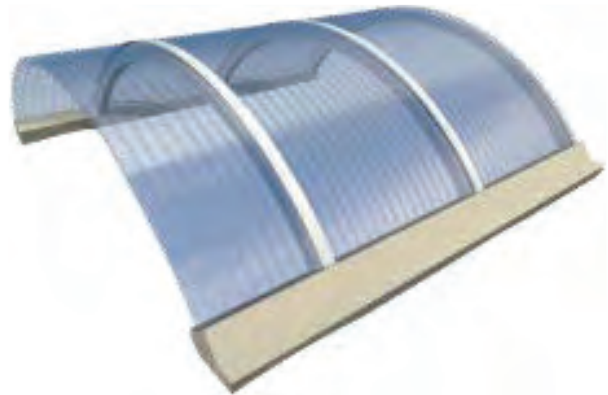
The external side of **PoliCarb®** is protected with a coextruded layer warranting resistance to aging due to atmospheric agents and U.V. rays. Panels can also be extruded with a "sun block" to reduce the amount of energy through the panels.

PRODUCTION STANDARDS									
Thickness (mm)	4	4.5	6	8	10	10	16	8	10
Thickness (in)	5/32	3/16	1/4	5/16	3/8	3/8	5/8	5/16	3/8
Structure	2 LAYERS				3 LAYERS			4 LAYERS	
Width (ft)	4' & 6'							6' only	
Length (ft)	8 - 10 - 12 - 24 - 36 Made in USA products: Limited to transportation requirements								
Weight (lb/ft²)*	0.164	0.205	0.266	0.307	0.348	0.430	0.553	0.317	0.358
U-factor	0.68	0.68	0.61	0.58	0.52	0.47	0.40	0.50	0.44
Light Transmission %									
Clear	85	84	80	81	82	74	74	79	79
Bronze	57	57	51	65	65	41	37		
Opal	58	58	57	57	57	52	52	50	50
Green			54	54	54		42		
Solar Factor %									
Clear	83	82	80	82	82	75	75	81	81
Bronze	66	66	66	70	75	57	57		
Opal	66	66	66	65	64	62	63	51	51
Green			66	70	70		60		
Shading Coefficient (SC)									
Clear	0.95	0.94	0.91	0.94	0.94	0.86	0.86	0.93	0.93
Bronze	0.76	0.76	0.76	0.80	0.86	0.65	0.65		
Opal	0.76	0.76	0.76	0.75	0.74	0.71	0.72	0.58	0.58
Green			0.76	0.80	0.80		0.69		

*Weight can be adjusted upon request. Minimum quantity may be required.

SHEET COLD BENDING

PoliCarb® can easily be used to build integral arc structures since its' fluted construction increases the rigidity of the sheet allowing bending along the ribs.



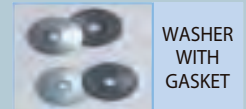
It is recommended not to go under the bending radius of the following chart.









Thickness (mm)	4.5	6	8	10	10-3L	16	8-4L	10-4L
Thickness (in)	3/16	1/4	5/16	3/8	3/8	5/8	5/16	3/8
Min. radius of curvature (in)	29.52	41.34	55.12	68.90	78.74	137.79	62.99	78.74

ACCESSORIES



PoliCarb® sheets can be complimented with a complete series of accessories that help the products adapt to a wide variety of uses.



Thickness (mm)	Length (in)	PROFILES "H" U.V. protected	Thickness (mm)	Length (in)	PROFILES "U"	Thickness (mm)	PROFILES "R" U.V. protect	Thickness (mm)	Length (in)
4 - 6	288		4 - 6	288		4 - 6		8 - 10/16	236
cod. 1162/6000			cod. 1158/2100			cod. 4077		cod. 2191/6000 - 2192/6000	
8 - 10	288		8 - 10	288		8 - 10			
cod. 1164/6000			cod. 1160/2100			cod. 4076		PROFILES "F" U.V. protected	
16	288		16	288		16 - 20		8 - 10/16	236
cod. 1165/6000			cod. 1161/2100 - 2184/2100			cod. 4087		cod. 2193/6000 - 2194/6000	

USER GUIDE INFORMATION



Remove adhesive film protection after installation.



Do not store stacked sheets in direct sunlight or rain



Use suitable silicone.



Apply aluminum adhesive tape



Clean with water and neutral soap only.



Anticipate thermal expansion.