



# CoverLite® Corrugated Polycarbonate




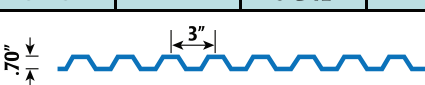


If you are looking for a quality polycarbonate sheet which features the latest in product technology and which comes with the kind of personal service you need, call AmeriLux International, LLC! Our polycarbonate sheets are an effective alternative to traditional glazings in a wide variety of applications including:

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

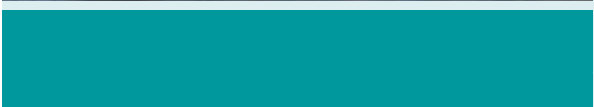
Several types of corrugated polycarbonate panels are offered by AmeriLux International,

**Corrugated for Metal Buildings available in standard colors: clear, bronze and opal**  
In addition to the qualities of our standard corrugated, CoverLite® corrugated sheet matches most standard metal roofing profiles. Making a simple skylight or sidelight is a snap with CoverLite® Corrugated for Metal Buildings!

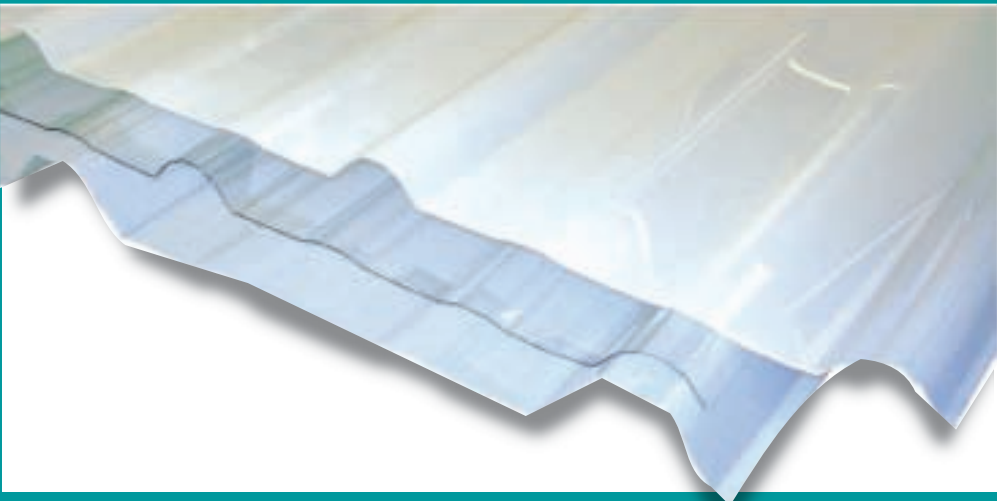
**Greca Corrugated Polycarbonate available in standard colors: clear, bronze, opal, softlite**  
Ideal for greenhouses and other applications where excellent light transmission is needed in a lightweight sheet. Extensive research and development ensure all corrugated sheets have a high resistance to the harmful effects of weather: both in the impact strength to resist hail damage and in UV protection.

NAME	OVERALL WIDTH	OVERALL LENGTH	NET COVERAGE	PITCH	DEPTH	THICKNESS	LT
MR 9"	38"	UP TO 36'	36"	9"	.75"	.032"	Clear: 90% Bronze: 35% Opal: 55% Softlite: 85%
							
MR 9" FLAT	38"	UP TO 36'	36"	9"	.625"	.032"	Clear: 90% Opal: 55%
							
MR 12"	38"	UP TO 36'	36"	12"	1.25"	.032"	Clear: 90% Bronze: 35% Opal: 55% Softlite: 85%
							
GRECA	26"	8' & 12'	24"	3"	.625"	.032"	Clear: 90% Smoke: 29%
							
GRECA	50"	UP TO 48'	48" & 72"	3"	.625"	.033"	Clear: 90% Opal: 52% Bronze: 25% Softlite: 85%
 <p>(Softlite is also available in 74" Greca)</p>							
RIDGE CAP	24"	10'6"	—	—	—	.048"	Clear: 90% Opal: 55% Softlite: 85%
 <p>(High Top Profile for Extra Strength)</p>							

Call today for complete product information and for a distributor in your area!



## CORRUGATED POLYCARBONATE SHEET







# CoverLite®

Corrugated Polycarbonate Sheet



## HIGH LIGHT TRANSMISSION

CoverLite® sheet offers a high degree of light transmittance due to its high optical properties.

## VIRTUALLY UNBREAKABLE

CoverLite® is economical and light weight, yet is 10 times stronger than acrylic and 200 times stronger than glass!

## EASILY FABRICATED ON SITE

Highly flexible, a CoverLite® sheet can be easily cold formed and will not crack or splinter when fabricated.

## ANTI-DRIP/ANTI-FOG COATING

This high tech discovery ensures that greenhouse condensation is carried away from the roofing so that droplets will not damage your nursery stock. Available for GRECA only. Call for more information and availability.

## WARRANTY

CoverLite® carries a prorated 10 year warranty against yellowing.



## CoverLite® Metal Roofing

Property	Test Method	Average Index
Specific Gravity	ASTM D792	1.20 +/-5%
Tensile Strength	ASTM D638	9.2 lbs/in <sup>2</sup>
Elongation	ASTM D638	7
Compressive Strength	ASTM D695	830 kgf/cm <sup>2</sup>
Modulus of Elasticity	ASTM D638	345000PSI +/-10%
Flexural Strength	ASTM D790	950 kgf/cm <sup>2</sup>
Yellowing Index (only UV-Grade apply)	ASTM D1925	Below 3.0
Light Transmittance	Wave Length 500nm (UV/VIS)	90% (Clear)
UV-Ray Penetrability (only UV-Grade apply)	Wave Length 300nm (UV/VIS) (continuously exposed to sunlight for 3,000 hours)	2.4%
Impact Strength	ASTM 3029	Unbreakable (Temp. range -40° - 250°F)
Inflammability	UL 94V2 (contact with flame for 10 seconds and move away)	Self-Extinguishing
Deflection Temperature	ASTM D648, 18.6 kgf/cm <sup>2</sup>	135°C (The highest temp. is about 120°C in continuous uses)
Brittle Temperature	ASTM D764	-135°C (The lowest temp. is about -30°C in continuous uses)
Linear Thermal Expansion Coefficient	_____	Pertains to smaller coefficient of synthetic resin

