



POLYCARBONATE

Progressive Metals offers polycarbonate, a high-performance, transparent thermoplastic polymer known for its exceptional impact resistance, outstanding optical clarity, and superior heat resistance. Lightweight yet extremely durable, polycarbonate is an ideal alternative to glass for applications requiring strength, safety, and long-term performance.

Its versatility makes it suitable for a wide range of uses. With excellent dimensional stability and fabrication flexibility, polycarbonate delivers reliable performance in demanding environments.

HIGHLIGHTS

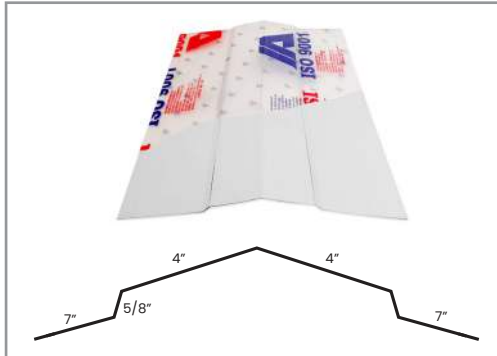
- Impact Resistance - Up to 200 times more impact resistant than glass
- Light Transmission Clear 98% - Recommended use for its optical clarity and optimal light transmission
- Light Transmission White 46% - Recommended use for dissipating daylight, creating a much softer diffused light inside the building with minimal shadowing and glare
- UV Protection
- ASTM D638
- ASTM D792
- ASTM D696
- Excellent Fire Performance
- Easily Cut On The Jobsite





APPLICATIONS INCLUDE

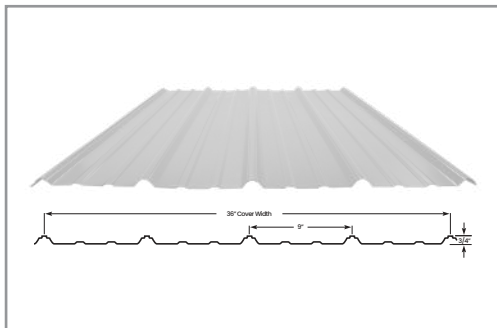
- Animal Confinement
- Patio Coverings
- Farm Buildings
- Pole Buildings
- Greenhouses
- Sheds



POLYCARB RIDGE CAP

Coverage: (20" x 122")
Thickness: .07 mil
Color: Clear w/dual-sided strippable film
Anti yellowing 2 side

Progressive polycarb ridge cap is produced with a 24" wide girth providing a large lit area on the peak of a building. Our polycarbonate ridge cap offers UV protection, light transmission and impact resistance.



POLYCARB PANEL

Thickness: .04 mil
Color(s): Clear available in 96", 120", 144",
168", 192"
White avail in 96", 120" & 144"
Anti yellowing 1 side

Safety Glazing- Preferred material to acrylic or laminated glass in many applications where impact resistance is important.

Installation: Polycarbonate panels should be loosely, rather than rigidly installed, which enables the expansion of the material under temperature changes. If you are securing a polycarbonate panel with screws, you will need to drill oversized holes to allow for expansion and contraction of the sheet. These basic rules can help to prevent the sheets from warping or crazing as ambient temperatures change.



POLYCARB FLAT SHEET

Size: 47.25" x 122"
Thickness: .07 mil
Color: Clear w/dual-sided strippable film
Anti yellowing 2 side

Design Flexibility- formable and machinable, can bend into an unlimited range of shapes.

Safety Glazing- Preferred material to acrylic or laminated glass in many applications where impact resistance is important.

UV Protection - Dual-side protection takes the guessing out of which side goes up