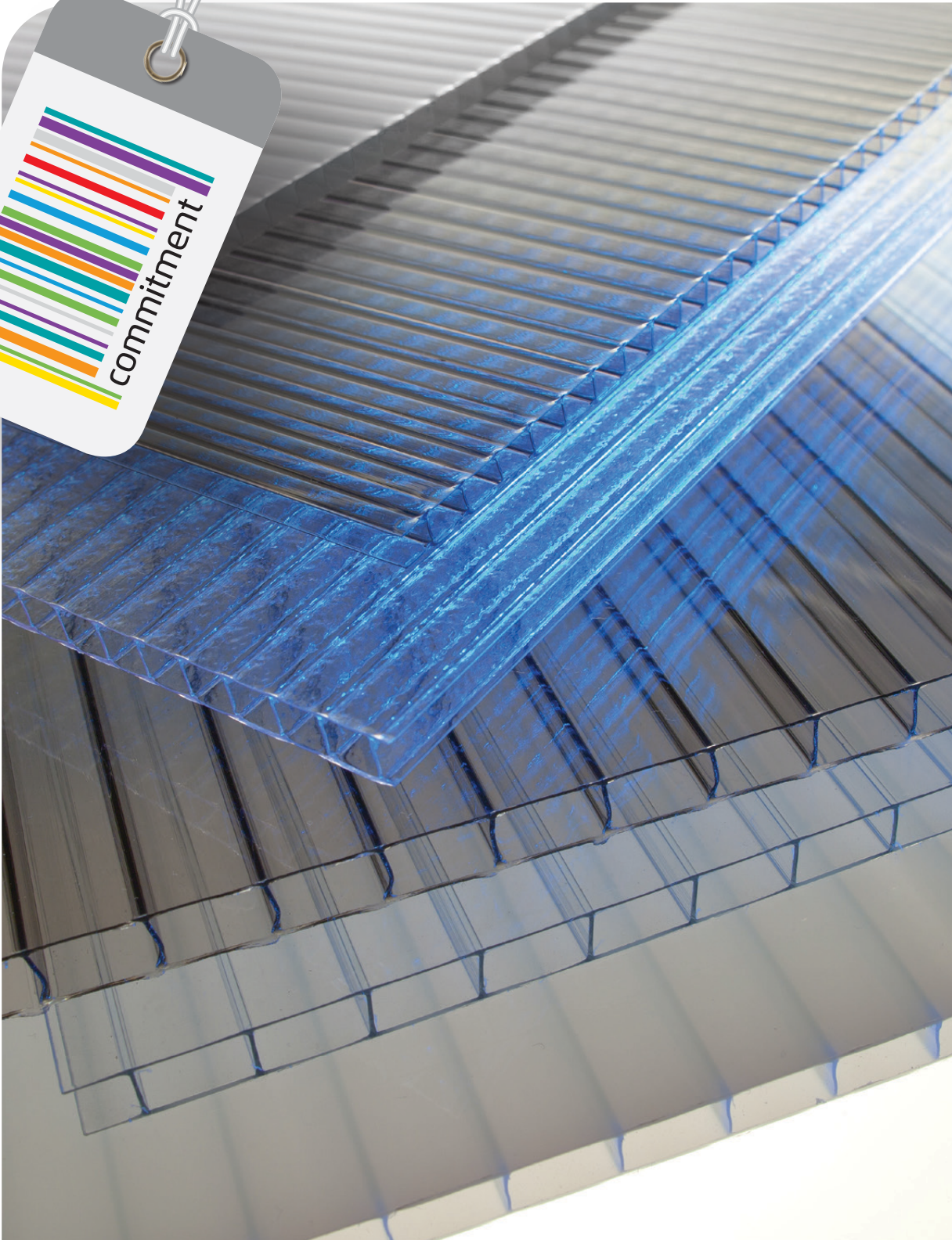




POLYGAL

Standard Grade
Multi-Wall Polycarbonate





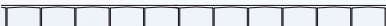
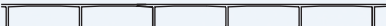


Product Features

- Excellent insulation
- Controlled daylight transmission
- Virtually unbreakable
- Flexible and easy to install
- Good fire resistance
- Lightweight
- UV-blocking
- Environmentally friendly

Product Specifications

Standard Grade Polycarbonate panels have UV protection on one side..

| Panel | Thickness (mm) | Width (inch) | Weight (lbs./ft. ²) | U-Value (BTU/h/ft ² /F) | Minimum Radius for Cold Bending Arches (inch) |
|---|----------------|----------------------|---------------------------------|------------------------------------|---|
|  | 6 | 48/72 | 0.27 | 0.63 | 41 |
|  | 8 | 47.25/48 71.25/72 | 0.31 | 0.60 | 55 |
|  | 10 | 48/72 | 0.35 | 0.53 | 69 |
|  | 16 | 48/72 | 0.55 | 0.41 | 110 |

Available In Standard Colors

Call Customer Service at 800-537-0095 for more information regarding color availability.

Standard Lengths

8ft., 12ft., 16ft. 24ft., & 36ft. Cut to length sizes also available.

Thermal Expansion

0.177 in / 3.28 Ft.: All colors

Service Temp. Range

-40 F. to 248 F.

Colors and Optical Properties

| Colors | 6mm | | 8mm | | 10mm | | 16mm | |
|--------|--------|------|--------|------|--------|------|--------|------|
| | LT (%) | SHGC | LT (%) | SHGC | LT (%) | SHGC | LT (%) | SHGC |
| Clear | 80 | 0.75 | 79 | 0.74 | 78 | 0.68 | 74 | 0.68 |
| Ice | 32 | 0.47 | 32 | 0.49 | 32 | 0.48 | 32 | 0.48 |
| Bronze | 42 | 0.58 | 42 | 0.58 | 42 | 0.59 | 42 | 0.56 |
| Red | NA | NA | NA | NA | 12 | NA | NA | NA |
| Blue | NA | NA | NA | NA | 30 | 67 | NA | NA |
| Green | NA | NA | NA | NA | 42 | 58 | NA | NA |
| Yellow | NA | NA | NA | NA | 70 | NA | NA | NA |
| Orange | NA | NA | NA | NA | 55 | NA | NA | NA |

▪ LT - Light Transmission in % according to ASTM D-1003, measured between ribs.

▪ SHGC - Solar Heat Gain Coefficient* is the ratio of solar heat gain through the sheet and the incident solar radiation. It takes into account all conduction, convection and radiation effects involved.

* The lower this number, the more solar heat is being blocked.

▪ NA (not applicable)



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