

## Twin Wall Polycarbonate Sheet

Twin wall polycarbonate sheet is one of the most popular polycarbonate sheets. It offers a rectangular insulation space inside to reduce thermal energy transfer. Meantime, it creates a stronger, lighter weight and more impact resistance structure. Some people call it a “double-wall polycarbonate sheet”.

With the co-extruded UV protective layer, twin wall polycarbonate sheet can be used exterior, it offers great weatherability even under intensive ultraviolet rays, the lifespan is more than 10 years.

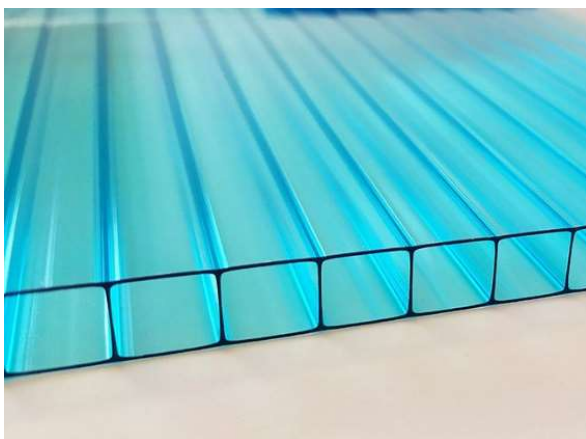
The thickness of twin wall polycarbonate sheet ranges from 4mm to 12mm. The common color is transparent, but tinted twin wall polycarbonate sheets are available.

Twin wall polycarbonate sheets are used widely for the commercial greenhouse, mini-greenhouse, sunroom, garden Restaurant, etc.

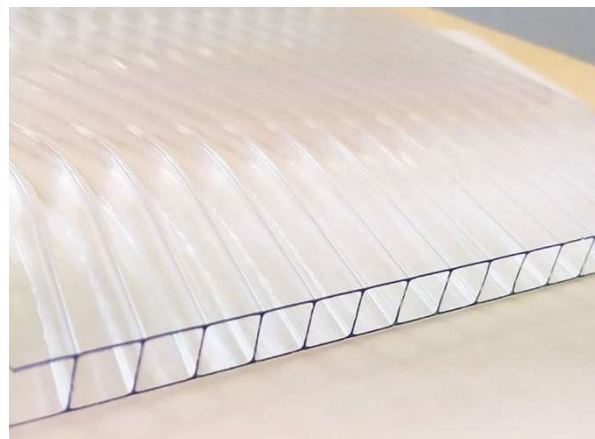
### Product Range

Model	Description
UVMPC-TW(S)-U1	Standard model with co-extrude UV protective on one side
UVMPC-TW(S)-U1A	Co-extruded UV protective layer on outside, anti-condensation treatment on inside for greenhouse
UVMPC-TW(S)-U2	Co-extruded UV protective layer on both sides for outdoor application

### Structure



General Twin Wall Polycarbonate



S-Type Twin Wall Polycarbonate

## Color

Type:	Colors Description
Transparent	Clear, Brown, Bronze, Gary, Red, Blue, Green
Translucent	Black, White Opal, White Diffuser, Yellow, Red, Mint Green, White Opal
Opaque	Black, White Opal, Yellow, Dark Blue, Red, Dark Grey, Dark Brown

Customized colors are available upon request, subject to a minimum order.

## Dimension

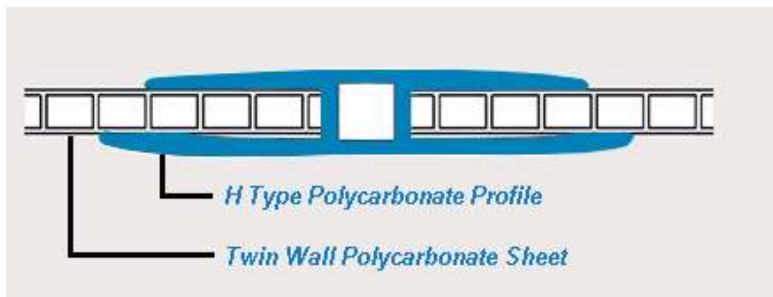
Model	Area Weight (Kg/m <sup>2</sup> )	U-Value (W/m <sup>2</sup> ·°K)	Light Transmission, clear, %	Width 700 (mm)	Width 1050 (mm)	Width 2100 (mm)
UVMPC-TW(S)-4	0.8	3.9	82%	✓	✓	✓
UVPC-TW(S)-6	1.1	3.5	80%	✓	✓	✓
UVPC-TW(S)-8	1.4	3.2	79%	✓	✓	✓
UVPC-TW(S)-10	1.65	3	78%	✓	✓	✓
UVPC-TW(S)-12	1.9	2.78	76%	✓	✓	✓

UVPC-TW: General Twin Wall Polycarbonate Sheet;

UVPC-TWS: S-Type Twin Wall Polycarbonate Sheet;

## Polycarbonate Profiles

### H Type Polycarbonate Profiles



H-1



H-2



H-3



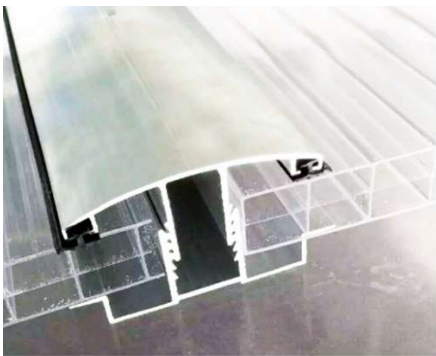
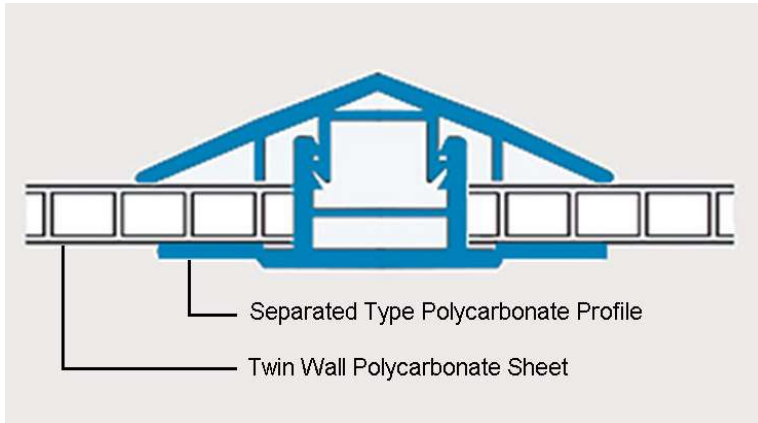
H-4



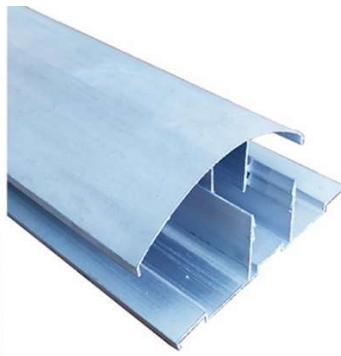
H-5

Product Name	6mm twin wall polycarbonate sheet	8mm twin wall polycarbonate sheet	10mm twin wall polycarbonate sheet
H Type Polycarbonate Profile (PC)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
H Type Polycarbonate Profile (Aluminum)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

### Separated Type Polycarbonate Profile



S-1



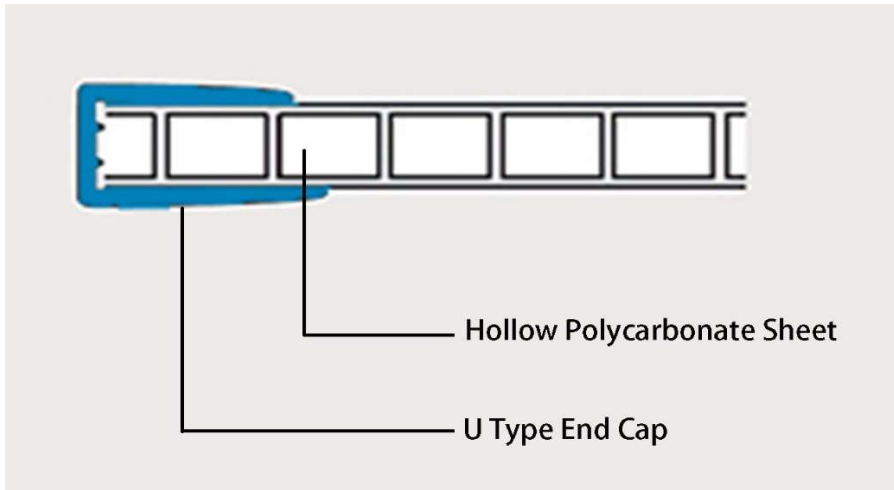
S-2



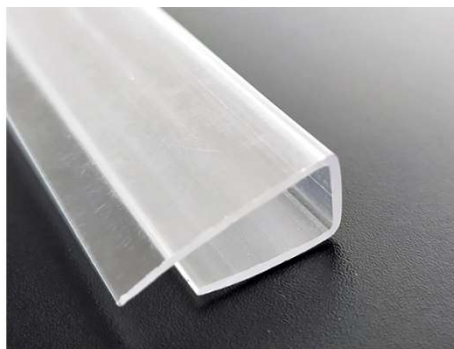
S-3

Product Name	4-8mm twin wall polycarbonate sheet	8-12mm twin wall polycarbonate sheet
Separated Type Polycarbonate Profile (PC)		○
Separated Type Polycarbonate Profile (Aluminum)	○	

## U Type Polycarbonate End Cap



U-1



U-2



U-3

Product Name	6 - 8 mm hollow sheet	10 - 12 mm hollow sheet
U Type Polycarbonate End Cap (PC)	<input type="radio"/>	<input type="radio"/>
U Type Polycarbonate End Cap (Aluminum)		<input type="radio"/>

## Application

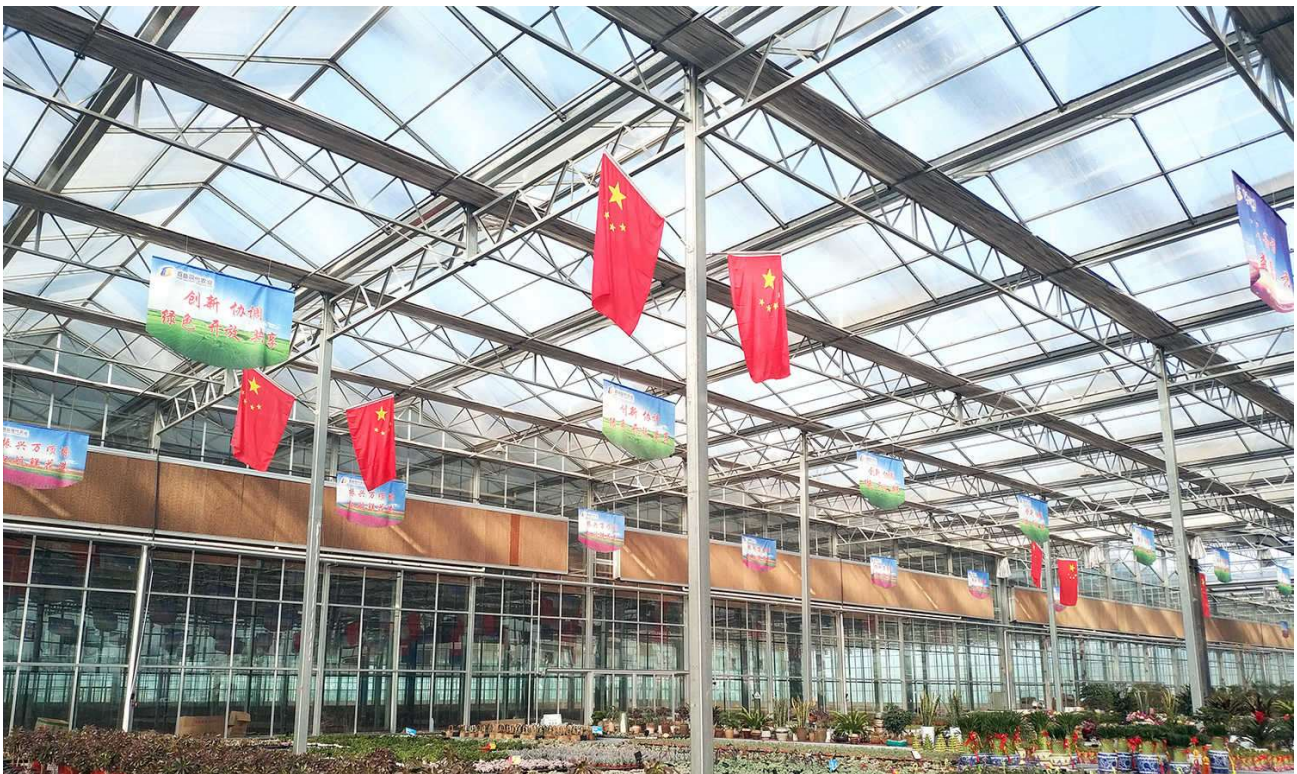
### Commercial Greenhouse

Suitable materials: 8 mm Twin Wall Polycarbonate Sheet;

Model: UVPC-TW-8-U1A

Colors: Clear;

Length:  $\leq 12$  m; Width:  $\leq 2.1$  m;

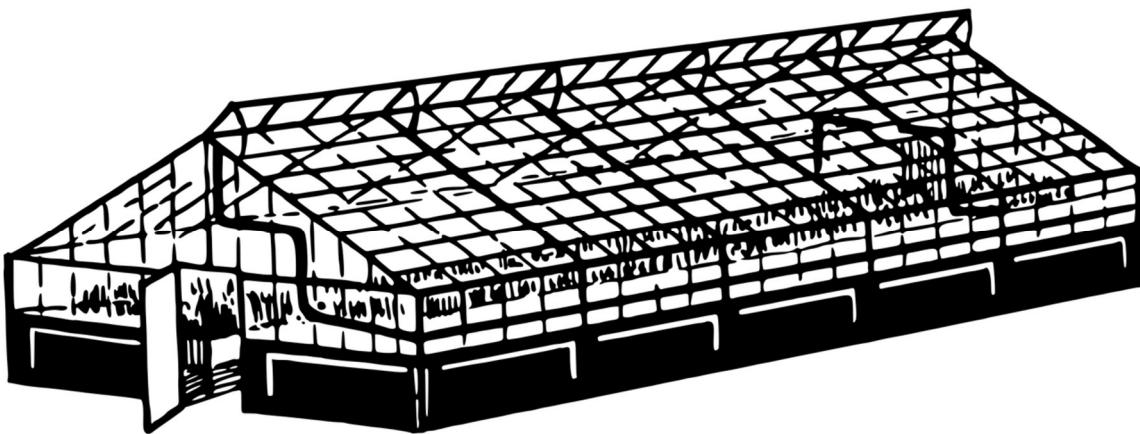


## Mini Greenhouse

Suitable materials: 4 mm Twin Wall Polycarbonate Sheet;

Model: UVPC-TW-4-U1A

Length:  $\leq 12$  m; Width:  $\leq 2.1$  m;



**AND MORE...**



## **CONTACT US**

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