



Creating a  
Comfortable  
And creative  
Indoor & outdoor  
Environment  
Can significantly  
Enhance your living experience.

**Julite<sup>®</sup>**  
**SUPER POLYCARBONATE SHEET**

# ABUOBAID PLASTIC FACTORY

**About Us:** ABU OBAID GROUP is manufacturer and supplier of high-quality polycarbonate sheets, dedicated to providing innovative and reliable solutions for a wide range of industries. With years of experience and a commitment to excellence, we have established ourselves as a trusted name in the market.



**Mission:** Our mission is to deliver superior polycarbonate products that meet the highest standards of quality, performance, and sustainability. We strive to exceed customer expectations through continuous innovation, exceptional service, and a customer-centric approach.

**Vision:** To be the global leader in polycarbonate sheet manufacturing, recognized for our commitment to quality, innovation, and sustainability. We aim to create value for our customers, employees by driving growth and fostering long-term partnerships.



## Core Values:

- Quality:** We are committed to producing high-quality products that meet and exceed industry standards.
- Innovation:** We continuously invest in research and development to bring innovative solutions to the market.
- Customer Focus:** Our customers are at the heart of everything we do, and we strive to provide exceptional service and support.
- Sustainability:** We are dedicated to sustainable practices that minimize our environmental impact and promote a greener future.
- Integrity:** We conduct our business with the highest ethical standards and transparency.



## Products:

We offer a comprehensive range of polycarbonate sheets:

- Solid Polycarbonate Sheets
- Twin-wall Polycarbonate Sheets
- *Corrugated Polycarbonate Sheets*
- Textured Polycarbonate Sheets
- Anti-Static Polycarbonate Sheets



**Manufacturing Excellence:** Our state-of-the-art manufacturing facilities are equipped with advanced technology and machinery, enabling us to produce high-quality polycarbonate sheets with precision and efficiency. We adhere to strict quality control measures to ensure that our products meet the highest standards.

**Customer Support:** We pride ourselves on our exceptional customer service. Our dedicated team of experts is always ready to assist with product selection, technical support, and after-sales service to ensure complete customer satisfaction.

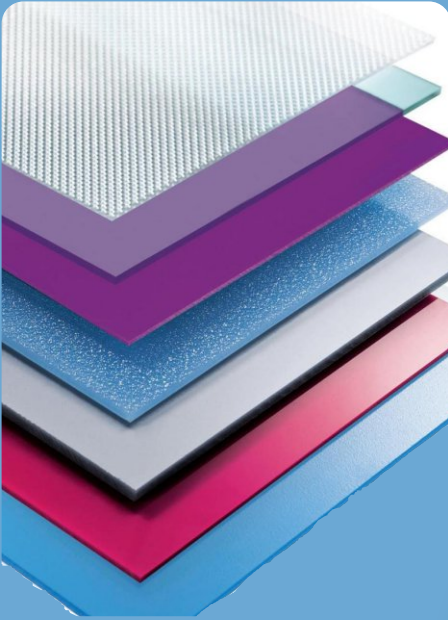


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# Diamond, Texture and Solid Polycarbonate Sheets



JULITE Diamond, Texture and Solid polycarbonate sheets are made from 100% virgin Sabic and buyer materials Known for their exceptional strength, clarity, and unique diamond-textured surface. The diamond texture adds an aesthetic appeal while maintaining the excellent physical properties of polycarbonate.

1 – It weights half of ordinary silicate glass.

2 – Its impact strength is 30 times as much as that of ordinary glass.

3 – Its 50-micron UV coating can effectively protect it from ultraviolet rays in order to prevent aging.

Sizes available are :- **WIDTH** 1220, 1250, 2050, 2100, 2300(MM) X **LENGTH** 2440, 3000, 6000 (MM).

Thickness available are :- 1.4mm to 18mm.

## Applications:

polycarbonate sheets are used in a wide range of applications due to their excellent properties:

•**Construction:** Roofing, skylights, swimming pool and sky domes.

•**Agriculture:** Greenhouses and farm buildings.

•**Industrial:** Industrial roofing and siding, sunshade for car parking.

•**Residential:** Patio covers, pergolas, and carports, doors, windows, gates.

•**Commercial:** Canopies, awnings, shelters, interior & exterior decoration.

## Advantages:

•Lightweight and easy to handle

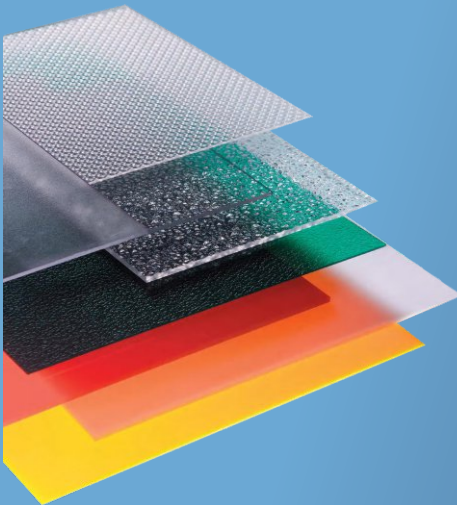
•High optical clarity and transparency

•Excellent weather and UV resistance

•Virtually unbreakable

•Versatile and easy to fabricate

•Unique diamond, texture adds aesthetic appeal



High impact strength



High transparency



UV protection



Recyclable



Good light transmission

# Polycarbonate Opal Diffuser and Opal Milky Sheets



**Overview:** Polycarbonate opal diffuser and opal milky sheets are designed to provide excellent light diffusion while maintaining high impact resistance and durability. These sheets are commonly used in lighting applications to create a soft, even light distribution, reducing glare and enhancing visual comfort.

•**Material:** High-quality polycarbonate

•**Light Transmission:** Up to 86% depending on the sheet thickness

## Applications:

•**Lighting Fixtures:** Used in lamps, ceiling lights, and other lighting applications to diffuse light evenly

•**Displays:** Used in screens and displays to enhance visual comfort

•**Construction:** Used in roofing, skylights, and cladding

•**Commercial:** Used in canopies, awnings, and shelters

## Advantages:

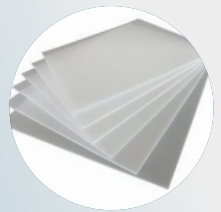
•Provides excellent light diffusion

•High impact resistance and durability

•Excellent UV protection

•High fire rating

•Versatile and easy to fabricate



High impact strength



High transparency



UV protection



Recyclable



Good light transmission

# PMMA (Polymethyl Methacrylate) Acrylic Sheets



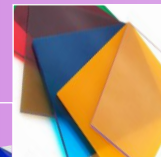
**PMMA**, commonly known as acrylic, Plexiglas, or organic glass, is a versatile synthetic polymer. It is renowned for its remarkable clarity, durability, and lightweight properties, making it an excellent alternative to glass and polycarbonate.

**Applications:** PMMA acrylic sheets are used in a wide range of applications due to their excellent properties.

- Automotive and Transportation:** Used for windows, windshields, and light covers.
- Construction:** Used for skylights, windows, and partitions.
- Signage and Displays:** Ideal for point-of-purchase displays, signs, and exhibition stands.
- Furniture and Interior Design:** Used for furniture, decorative panels, and lighting fixtures.
- Medical Devices:** Used for medical equipment and devices due to its biocompatibility.

## Advantages:

- Lightweight and easy to handle
- High optical clarity and transparency
- Excellent weather and UV resistance
- Good impact resistance compared to glass
- Versatile and easy to fabricate



High impact strength



High transparency



UV protection



Recyclable



Good light transmission

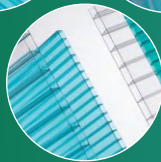
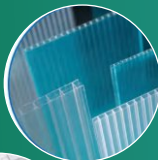
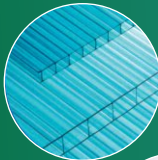
# Twin-Wall Polycarbonate Sheets



Twin-wall polycarbonate sheets are a popular choice for various applications due to their excellent physical properties, including high impact resistance, UV protection, and thermal insulation.

Twin wall sheet one sided UV protection so you can use it on covered walkways, wall roof light patio cover, greenhouses with a thin rectangular wall tunnel structure, it is an excellent property for vertical and curved application.

**Applications:** Twin-wall polycarbonate sheets are used in a wide range of applications due to their excellent properties.



- Construction:** Roofing, skylights, and cladding
- Agriculture:** Greenhouses and farm buildings
- Industrial:** Industrial roofing and siding
- Residential:** Patio covers, pergolas, and carports
- Commercial:** Canopies, awnings, and shelters

## Advantages:

- Lightweight and easy to handle
- High optical clarity and transparency
- Excellent weather and UV resistance
- Virtually unbreakable
- Versatile and easy to fabricate



High impact strength



High transparency



UV protection



Recyclable



Good light transmission

# H and U polycarbonate profiles

**H profiles,** are used to join twin wall polycarbonate sheets. They are shaped like the letter "H" and are made from high-quality polycarbonate material.

•**Applications:** Commonly used in greenhouses, roofing, and other construction projects to connect twinwall polycarbonate sheets.

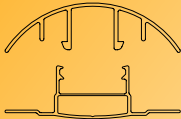
**Advantages:** Provides strong structural support, easy to install, and offers excellent UV protection

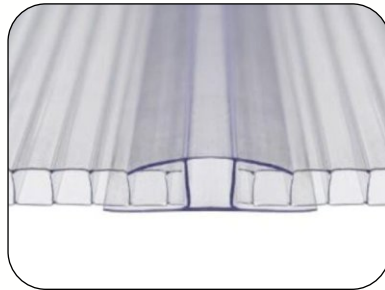
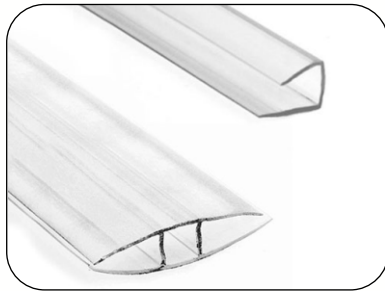
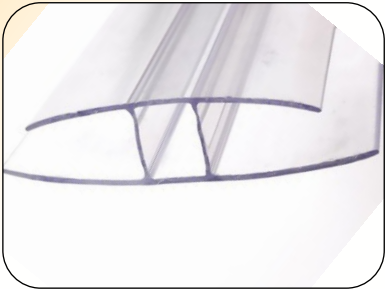
**U Profile:**

**U profiles,** also known as U channels, are used to seal the edges of polycarbonate sheets. They are shaped like the letter "U" and are made from high-quality polycarbonate materi

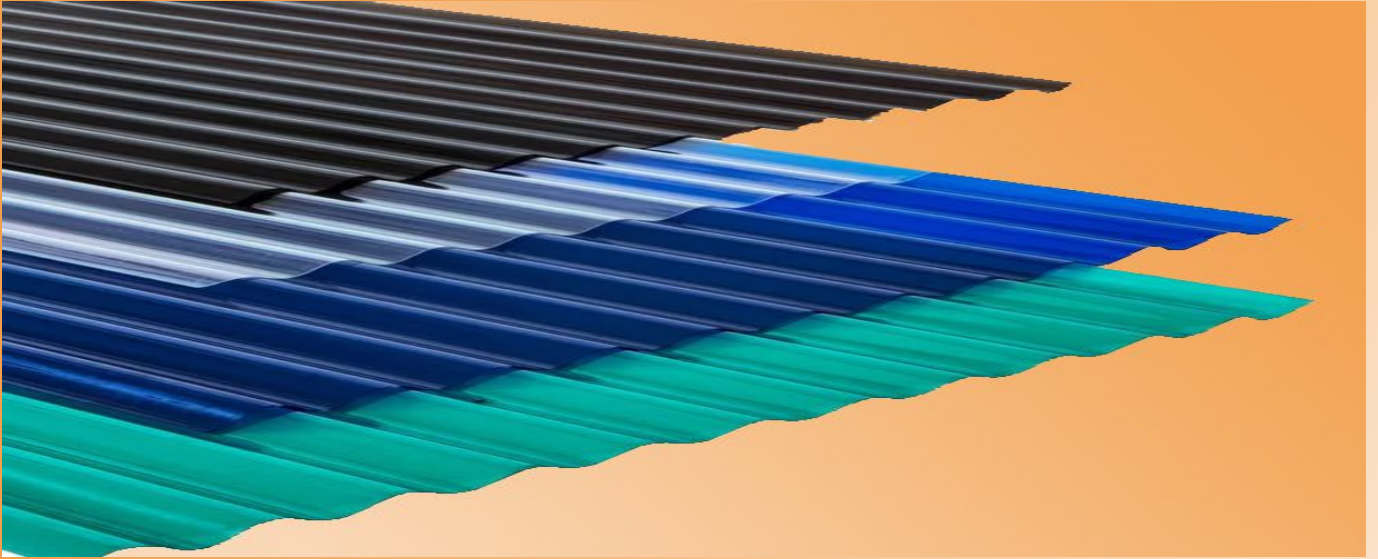
**Applications:** Used in construction, automotive, and manufacturing industries for edging panels, frames, and as protective trims.

•**Advantages:** Offers protection to edges, easy to install, and provides a neat finish

| Flat sheet accessories diagram                                                                         | Name                                                                                | Suitable thickness                 |
|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------|
|                       | Edge (U) Profile                                                                    | 4mm<br>6mm<br>8mm                  |
|                       | H Profile                                                                           | 4mm<br>6mm<br>8mm                  |
|                      | PC Cover                                                                            | 6,8,10mm                           |
|                                                                                                        | PC Bottom Profile                                                                   |                                    |
| <br>Cap             |  | Pan Head Tapping Screw             |
| <br>Breathable Tape |  | Self-drilling Thread Forming Screw |
| <br>Anti-dust Tape  |  | Self-drilling Thread Forming Screw |



# Corrugated Polycarbonate Sheets



Corrugated polycarbonate sheets are a popular choice for various applications due to their excellent physical properties, including high impact resistance, UV protection, and light transmission. These sheets are often used in construction, agriculture, and industrial settings.

## Products:

We offer a comprehensive range of corrugated sheets.

Flat corrugated sheet

Embossed corrugated sheet.

**Applications:** Corrugated polycarbonate sheets are used in a wide range of applications due to their excellent properties

- Construction:** Roofing, skylights, and cladding
- Agriculture:** Greenhouses and farm buildings
- Industrial:** Industrial roofing and siding
- Residential:** Patio covers, pergolas, and carports
- Commercial:** Canopies, awnings, and shelters

## Advantages:

- Lightweight and easy to handle
- High optical clarity and transparency
- Excellent weather and UV resistance
- Virtually unbreakable
- Versatile and easy to fabric



High impact strength



High transparency



UV protection



Recyclable



Good light transmission



# **Julite<sup>®</sup>**

## **SUPER POLYCARBONATE SHEET**

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