



ONE-STOP SUPPLIER OF ENGINEERING PLASTIC

Thickness From 0.125mm to 4mm



UVPLASTIC

General Purpose Polycarbonate Film (UVTPC-GP)

www.uvplastic.com www.uvacrylic.com

ABOUT UVPLASTIC

| 2003 | 165 | 50+ | 1200+ | 12+ |
|-----------------------|--------|-----------|---------|----------|
| F ounding Time | Staffs | Countries | Clients | Millions |

WHO WE ARE

UVPLASTIC Material Technology Co., Ltd is a *ONE-STOP SUPPLIER* in the engineering plastic field, established in 2003 at Suzhou, China. After many years of continuous effort, we have one subsidiary and three trademarks (<u>UVPLASTIC</u>, <u>UVACRYLIC</u>, <u>VIEWSKY</u>), main business are:

1. Engineering Plastic: providing polycarbonate and acrylic in all forms;

2. Machining Service: providing the integrated machining solution for engineering plastic;

3. Application: we design and manufacture products based polycarbonate and acrylic,

including <u>VIEWSKY Bubble Tent</u>, <u>Geodesic Dome Tent</u>, <u>Office Chair Mat</u>, <u>Riot Shield</u>, Mini-

Greenhouse, etc.

Today, UVPLASTIC is active in architecture & construction, agriculture, medical industry,

auto industry, security industry, electronic industry, POP display, optical industry, and

industrial fabrication, etc.

COOPERATION PARTNER



WHY UVPLASTIC

One-Stop Supplier



UVPLASTIC is a one-stop <u>supplier of</u> <u>polycarbonate</u> and <u>acrylic sheets</u> in all forms. Meantime, we offer the complete system for the greenhouse, building roof, and facade system.

Machining Service



With more than 15 years of experience and high efficient working style, UVPLASTIC can build the prototype and will make customer's ideas come true within short time.

FEATURED PRODUCTS

UVPLASTIC Polycarbonate

- Solid Polycarbonate Sheet;
- Anti-Static Polycarbonate;
- Polycarbonate Light Diffuser;
- Muiti-wall Polycarbonate;
- Polycarbonate Film;
- Corrugated Polycarbonate;
- Polycarbonate Roofing Panel;
- Polycarbonate Facade;

Machining Service

<u>Machining Polycarbonate;</u> <u>Custom Acrylic;</u>

works with global engineers to discuss product feasibility and find the best solution

for the projects.

Design and Development

With assistance from CAD,

Solidworks, CATIA, and UG, UVPLASTIC

Design it and make it



UVPLASTIC have designed some products based on polycarbonate and acrylic, such as VIEWSKY Bubble Tent, Geodesic Dome Tent for hotel, restaurant, glamping, and display application. The mini-greenhouse and office chair mat are popular all over the world.

UVACRYLIC Plexiglass:

- <u>Clear Acrylic Sheet;</u> <u>Colored Acrylic Sheet;</u>
- <u>Acrylic Rod</u>;
- Acrylic Tube;
- Acrylic Mirror;
- Acrylic Block;
- LGP Acrylic;
- Acrylic Film;

Glamping Dome Tent

VIEWSKY Bubble Tent; Geodesic Dome;







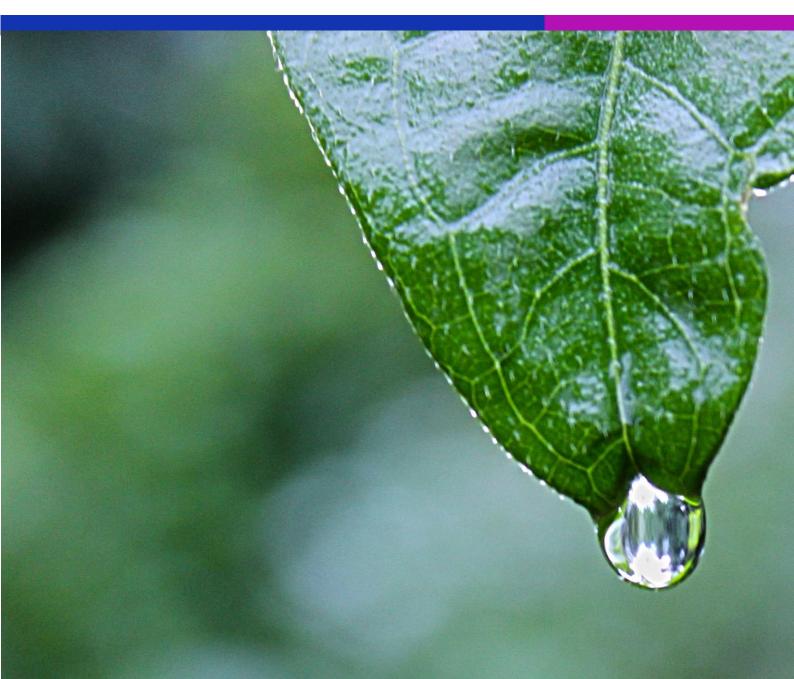
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FOCUSING









Environment-Friendly



This is **POLYCARBONATE FILM**

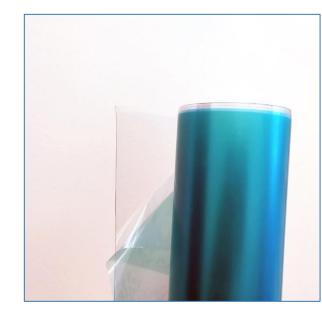




Polycarbonate Film (UVTPC)

UVTPC <u>Polycarbonate Film</u> is a multi-functional and generalpurpose thermoplastic film with a polished and/or textured surface. It offers excellent optical clarity, outstanding heat resistance, good stiffness, great printability.

It can be easily thermoformed, molded, die-cut and printed. UVTPC Polycarbonate films are used for the electroplated mirror, medical packaging, digital printing screen, monitor displayer, protective shield, nameplate, control panel, membrane switches, etc.



Main Benefits

- Excellent toughness and impact resistance, it is virtually unbreakable;
- Excellent printability without pre-treatment;
- Almost Zero impurity and optical clarity;
- Outstanding flame retardant property, up to V0/UL94;
- Easy to machine to any shapes you want, can be cold bent and thermal formed;
- Good performance at a large temperature from -40 °C to 120 °C;
- More flexible and available in UV protective layer for outdoor use;
- Scratch resistance and abrasion resistance;



Products Range

Model

| Model | Item |
|----------|--------------------------------------|
| UVTPC-GP | General Purpose Polycarbonate Film |
| UVTPC-OP | Optical Grade Polycarbonate Film |
| UVTPC-BL | Blend Polycarbonate Film, Or PMMA/PC |

Surface Type

| Code | Surface Type | UVTPC-GP | UVTPC-OP | UVTPC-BL |
|------|--------------|----------|----------|----------|
| 1 | Polished | 0 | 0 | 0 |
| 2 | Fine Matte | Ο | | |
| 3 | Fine Velvet | 0 | | |
| 4 | Velvet | О | | |

Dimension (Polycarbonate Film as Roll)

| Thickness, mm | Length (m) | Width is 930 mm | Width is 1220 mm |
|---------------|------------|-----------------|------------------|
| 0.125 | 400 | 0 | 0 |
| 0.175 | 350 | 0 | 0 |
| 0.2 | 325 | 0 | 0 |
| 0.25 | 300 | 0 | 0 |
| 0.3 | 250 | 0 | 0 |
| 0.375 | 200 | 0 | 0 |
| 0.5 | 150 | 0 | 0 |
| | | | |



Dimension (Polycarbonate Film as Sheet)

| Thickness (mm) | 915×1220 (mm) | 915×1830 (mm) | 1000×2000 (mm) | 1220×1830 (mm) | 1220×2440 (mm) |
|-------------------|------------------|------------------|-------------------|-------------------|-------------------|
| 0.3 – 0.4 | | 0 | 0 | | 0 |
| 0.5 – 1 | 0 | 0 | 0 | 0 | 0 |
| 1.5 – 4 | 0 | | | | 0 |

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

Applications

Display Windows





ONE-STOP SUPPLIER OF ENGINEERING PLASTIC

Membrane Switches



Face Shield





ONE-STOP SUPPLIER OF ENGINEERING PLASTIC

Automotive Dashboard



AND MORE...





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