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**JUMBO PLASTIC  
WORLD**

UHMWPE / HDPE / LDPE / PP / PVC / PET  
ABS/ PC/ PMMA

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青岛巨柏国际贸易有限公司  
Qingdao Jumbo International Trade Co., Ltd.

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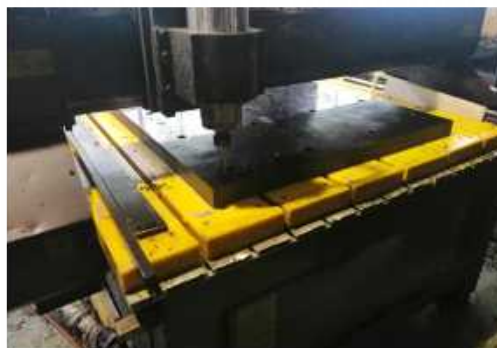
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# COMPANY PROFILE



Qingdao Jumbo International Trade Co., Ltd is committed to providing high quality plastic products, sales and service for many years, with the powerful production capacity on extrusion, mold pressing, injection molding, blstering process, CNC process and so on. The main products we provided are UHMWPE, HDPE, LDPE, PP, PVC series products, ABS, PS, PC, PMMA and so on. In addition, we can also provide customized products and packaged services. Our products have been exported to many countries, and have been widely praised. We sincerely look forward to doing business and make friends with customers from all over the world. And our excellent team will always be ready to provide you with considerate and thoughtful service!





# HDPE SERIES

高密度聚乙烯系列

## PRODUCT INTRODUCTION

HDPE is a white powder or granular product with better hardness, tensile strength and creep than LDPE. Good wear resistance, electrical insulation, toughness and cold resistance. Good chemical stability, at room temperature, insoluble in any organic solvent, acid, alkali and various salts corrosion resistance. The film has little permeability to water vapor and air, and low water absorption. HDPE has high corrosion resistance and can withstand acid, alkali, salt and other corrosive substances, making it an excellent chemical storage container material. At the same time, it has excellent wear resistance and can resist abrasion and wear, so it is often used in the production of durable products such as conveyor belts and dustbins. HDPE is a recyclable plastic material with good environmental performance. It can be recycled through recycling, reducing the consumption of natural resources and reducing the negative impact on the environment.



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## HDPE SHEET

**Thickness :** 0.5-160mm

**Standard Size :** 1220×2440mm 1000×2000mm or Customized

**Color :** Customized

**Surface :** Plain, Matt, Embossed, Textures

**Classifications :** HDPE industry sheets, UV stabilized sheets, Anti static sheets, Anti flame sheets

**Production Process :** Extrusion

**Application :**

1. Food storage and freezing equipment
2. Cutting boards, kitchen counters, kitchen shelves
3. Acid and alkali resistant equipment, environment protection equipment
4. Water tank, washing tower, waste water, waste gas discharge, water treatment equipment
5. Chemical containers, medicine and food packing
6. Machinery, electronics, electrical appliances, decoration and other fields and so on.



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## DUAL COLORS SHEET / ORANGE PEEL HDPE SHEET

**Thickness :** 0.5-30mm(Single color) 5-25mm(Double color)

**Standard Size :** 1220×2440mm or Customized

**Color :** Customized

**Surface :** Plain, Textures

**Production Process :** Extrusion, CNC process

**Application :**

1. Outdoor recreational facilities / Playground equipment
2. Sports venues
3. Carved signs
4. Indoor house furniture / Decorative elements
5. Prototype



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## ROAD PROTECTION MAT



**Thickness :** 4-100mm

**Standard Size :** 2000×1000mm 3000×1500mm  
2440mm×1220mm 2440mm×610mm or Customized

**Max Loading Weight :** 150 tons

**Color :** Black, White or Customized

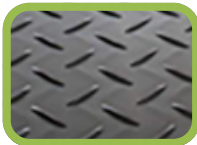
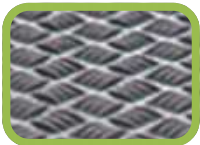
**Surface :** One side or two sides textured surface

**Material :** HDPE / UHMWPE

**Production Process :** Extrusion, Mold pressing, CNC process

**Application :**

1. Temporary flooring
2. Protect your turf and provide access nearly anywhere
3. Stadium ground covering
4. Outdoor events/ show/ festival
5. Building site access works
6. Construction, civil engineering and ground work industries
7. Emergency access routes
8. National parks, Landscaping and so on.



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## FOOTBALL TRAINING BOARD / SOCCER REBOUNDER

**Material :** HDPE

**Thickness :** 20mm, 25mm, 30mm

**Standard Size :** 1000×400mm, 1000×500mm,  
1200×500mm, 1500×600mm, 2000×500mm or  
Customized

**Color :** Black, white, blue, yellow or Customized

**Type :** Steel frame leg, Plastic leg

**Surface :** Smooth, texture

**Benefits :**

1. Take your technical skills to the next level by using the Soccer Rebounder.
2. Maximize the number of touches in a period of time.
3. Refine your turns and changes of direction.
4. Also improve your physical components of football: quick feet, agility, balance



# UHMWPE SERIES

超高分子量聚乙烯系列

## PRODUCT INTRODUCTION

UHMWPE materials inherit all the excellent properties of ultrahigh molecular weight polyethylene, and are more wear-resistant, stronger, more resistant to temperature and higher hardness than ordinary polymer polyethylene. Especially suitable for the production of cranes and general construction machinery clock pulley, anti-module and other parts. The features are high wear resistance, 6-7 times higher than the wear resistance of the steel wire rope, improving the service life of the wire rope, reducing the weight of the parts, easy to install and replace, less maintenance, and the comprehensive performance and price ratio are high.

UHMWPE plastic has excellent wear resistance, which is several times or even tens of times higher than that of general engineering plastics. This makes it ideal for manufacturing wear-resistant parts, such as conveyor belts, guides, wheels, etc.





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## UHMWPE SHEET

**Thickness :** 6-260mm

**Standard Size :** 5040×1330mm 4730×1230mm

3050mm×1220mm 6050mm×1820mm or Customized

**Color :** Black, White, Blue or Customized

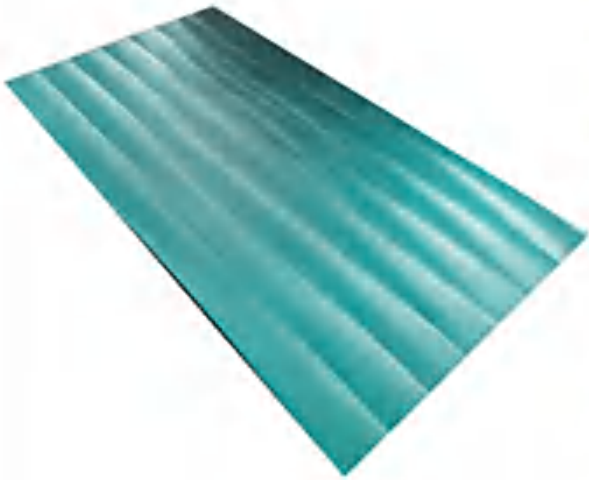
**Production Process :** Mold pressing

**Application :**

1. Chute and hopper linings
2. Wear plates where dock meets pillage
3. Sliding and conveying elements
4. Foil blades
5. Bulk storage flow promotion
6. Ground protection mat and so on

**Characters :**

1. Excellent abrasion resistance
2. Low coefficient of friction
3. No moisture absorption
4. Corrosion resistant
5. Excellent noise abatement



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## CRANE OUTRIGGER PADS

**Thickness :** 10-250mm or Customized

**Size :** Customized

**Color :** Any color is available

**Shape :** Customized

**Production Process :** Mold pressing, CNC process

**Benefits :**

1. Do not absorb moisture and will not swell up over time due to exposure outdoors.
2. Do not lose their impact strength over time.
3. Are flexible, so they will bend but not break under extreme loads.
4. Are easy to clean due to their low friction surface.
5. Are resistant to chemicals, Non-Conductive, Durable & Long Lasting
6. Are safer to use in the field compared to other wood based pads.



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## MARINE FENDER PAD

**Thickness :** 6-300mm

**Size :** 1000 x 1000mm up to 6000 x 2000mm or Customized

**Color :** Any color is available

**Shape :** Customized

**Production Process :** Mold pressing, CNC Process

**Benefits :**

1. Low friction coefficient
2. Very high abrasion resistance
3. UV and ozone resistant
4. Reduced conductivity optimal
5. 100% recycable & non-rotting
6. Can be supplied pre-drilled for easy installation and chamfered to avoid snagging
7. Available in different colors and bendable



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## UHMWPE WEARING LINER

**Length :** 100mm-9260mm

**Width:** 20-1420mm

**Thickness :** 5-150mm

**Tensile strength at yield :** 15-20Mpa

**Notched impact strength :** 80-170kJ/m<sup>2</sup>

**Abrasion resistance :** 70-120%

**Shore hardness D :** 63-68o

**Max. cont. temperature :** 80°C

**Benefits :**

1. No incrustations of bulk material
2. No bridging caused in hoppers
3. Resistance to chemicals
4. High impact strength
5. Service temperature range -260°C to +80°C

**Application:**

1. Chutes, silos
2. Bins
3. Launderers for fines handling declaimer buckets conveyor skirting
4. Truck beds liners



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## CHOPPING BOARD

**Material :** UHMWPE

**Thickness :** 6-300mm

**Color :** Customized

**Size :** Customized

**Advantage :**

1. Low cost
2. Non-toxic, Good chemical resistance & no corrosion
3. Low moisture absorption and easy to clean
4. Excellent surface for good preparation
5. FDA & NSF compliant grade available



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## UHMWPE IRREGULAR PARTS

**Material :** UHMWPE / HDPE

**Size :** Customized according to drawings

**Production Process :** CNC Process

**Color :** As your design

**Application :**

1. Transport machinery: Guideway, convey belt, slider seat of conveyor device and so on.
2. Food machinery : Star wheel, bottle feeding count screw, washer guide pin and so on.
3. Papermaking machinery : Suction tank cover plate, partial introduction and so on
4. Textile machinery : Opener, shock absorber, connector, crankshaft and so on.
5. Construction / Agriculture machinery : bulldozer board lining, dump truck compartment lining and so on.

**Advantage :**

1. High heat temperatures no problem
2. Very abrasion resistant
3. Meet all standard for food contact applications
4. Excellent sub-zero performance



# PVC SERIES

聚氯乙烯系列

## PRODUCT INTRODUCTION

PVC products are a kind of commonly used plastic products with good flame retardant properties, not easy to burn, can be used to manufacture building materials and electrical equipment and other products that need flame retardant properties. PVC products have good durability to general acids, alkalis, salts and oils, and can be used safely in a variety of chemical environments. PVC products are widely used, including building materials, electrical equipment, household goods, medical equipment, automotive parts and other fields.

Products made of PVC plastic have high wear resistance and bending resistance, and can withstand long-term use without damage. PVC plastic can be used in different climatic conditions, has good weather resistance and ultraviolet resistance, and is not easy to yellowing and aging. PVC plastic has good sound and heat insulation effects, which can reduce noise transmission and keep indoor temperature stable.





## PVC SOFT CLEAR ROLL

**Density :** 1.28g/cm<sup>3</sup>

**Thickness :** 0.03-10mm

**Size in Roll :** 1370mm, 1400mm, 2300mm or Customized

**Color :** Clear , White, Black or Customized

**Surface :** Glossy, Embossing, Matte or Customized

**Classifications :** Anti static, Anti flame, UV resistant, Cold resistant

**Application :**

1. The packaging of textile, hardware tools, precision machinery and craft gifts
2. The production of traveling products, stationery, rain-coats, umbrellas, cold lamination film and inflatable toys
3. Car body advertisement, inside car decoration (such as sun shield plates), indoor and outdoor advertisement, certificate making and so on
4. Many kinds of lining compounding

## PVC FOAM BOARD

**Density :** 0.31-0.9g/cm<sup>3</sup>

**Thickness :** 1-40mm

**Standard Size :** 1220×2440mm, 1560×3050mm, 2050×3050mm or Customized

**Color :** White or Customized

**Classifications :** Free PVC foam board, Ce luck PVC foam board, Co-extrusion PVC foam board

**Production Process :** Extrusion

**Application :**

1. **ADVERTISING :** professional screen printing, exhibition, remarking board, color sign, typewriting
2. **TRANSPORTATION :** ship, plane ,bus ,train carriage, ceiling, inner core of plate decoration in box
3. **INDUSTRY ENGINEERING :** moisture protection, corrosion protection, environment protection special insulation
4. **ARCHITECTURAL :** decoration board, noise barriers, partition board, fire-resistant kitchenware and bathroom facilities and window frame ,etc



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## PVC RIGID BOARD

Density : 1.4-1.7g/cm<sup>3</sup>

Thickness : 1-60mm

Width : Max 2000mm

Color : Customized

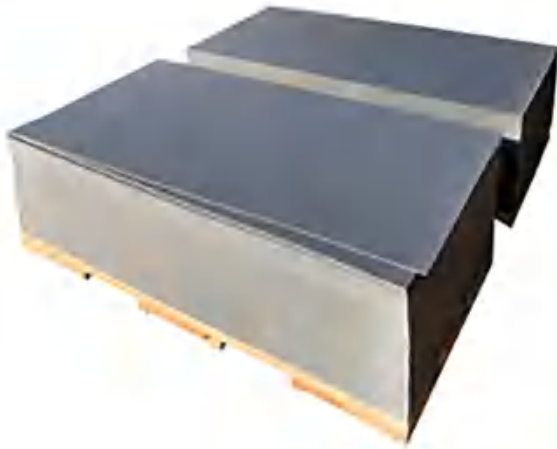
Surface : Glossy, Matte or Customized

Application :

Used in chemical, petroleum, electroplating, water purification equipment, environmental protection equipment, mining, extraction engineering, electronic circuit board, fire board template, free brick pallet, building template and advertising decoration and other industries

Characteristics :

High light transmission, Water clear clarity, Excellent chemical and corrosion resistance, Easily thermoformed and fabricated.



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## PVC RIGID SHEET

Density : 1.36g/cm<sup>3</sup>

Thickness : 0.08-10mm

Standard Size : 1220x2440mm or Customized

Color : Clear or Customized

Application :

PVC rigid sheet is mainly used in printing, blister, packaging, decoration, Windows, panels, toys, car models, displays, electroplating, mooncake boxes. PVC color film is mainly used in stationery covers, Christmas leaves, playing cards, printed signs

Features :

1. UV-protected, anti-chemical corrosion
2. Fire retardant and it can automatically extinguish by itself
3. Sound insulation, sound absorption, heat insulation and heat preservation
4. Moisture- resistant, mildew proof, water repellent and shock proof
5. Non- deformation, aging- resistant. color fastness for a long time through particular formula



# PP SERIES

聚丙烯系列

## PRODUCT INTRODUCTION

PP (polypropylene) is a common polymer material formed from the polymerization of propylene monomers. It is a highly malleable material with good mechanical properties and is widely used in a variety of products. PP has a low weight and at the same time has excellent durability and strength. It can withstand the pressure of heavy objects without deformation, and has a long service life. Products of various shapes and sizes can be manufactured by injection molding, extrusion, blow molding, etc. At the same time, PP is a recyclable material and meets environmental requirements. Widely used in daily life and industrial fields.

PP plastic products have high tensile strength, impact resistance and stiffness, and can withstand greater forces and pressures. PP plastic products have good acid, alkali and solvent resistance, can resist the corrosion of strong acid, strong alkali and most organic solvents, widely used in chemical industry, food processing and other fields. PP plastic products have good physical properties, chemical corrosion resistance, heat insulation, electrical insulation properties and easy processing, environmental protection and recycling, which has a wide range of application prospects.



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## PP HOLLOW SHEET

**Density :** 200-3800 g/m<sup>2</sup>

**Thickness :** 2-12mm

**Max Width :** 2100mm

**Size :** 1220\*2440mm or Customized

**Color :** White, black, red, blue, yellow, green or Customized

**Application :**

1. Advertising board.(sign board, exhibition board, brand mark, light box board picture frame backing, etc.)
2. Packing (gift boxes, food packing, transfer box, mailbox, display rack, partition, etc.)
3. Industrial usage board( including wire/cable wrapping, glass/steel board wrapping, cushion, rack, clapboard, padding board, luggage carrier, separating board, baseboard, cross board, etc)
4. Others: Backboard of bassinet. simple wardrobe. etc.



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## PP HONEYCOMB SHEET

**Density :** 750-4500g/m<sup>2</sup>

**Thickness :** 3-30mm

**Standard Size :** Customized design

**Max Width :** 2400mm

**Color :** Grey or Customized

**Surface :** Matt, Rough, Bubble, Textured surface

**Classifications :** anti-slip thermoplastic, non-woven fabric or other composite

**Application :**

Honeycomb sheet can be widely used in luggage cover panels, luggage compartment partitions, luggage carpet substrates, side decorative panels, ceilings, boxes and other parts of medium and high-end passenger cars and vans and containers.

**Advantage :**

Waterproof, shockproof, moisture resistance, dust prevention, UV protection, anti-corrosion, ecofriendly, non-toxic.





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## PP SHEET

**Thickness :** 0.5-160mm

**Max Width :** 3m

**Surface :** Glossy, Embossed

**Color :** Customized

**Characteristics :**

1. Very good welding and processing properties
2. Excellent impact strength
3. Excellent chemical and corrosion resistance
4. Excellent formability
5. Good abrasion resistant and electrical properties
6. Lightweight, non-toxic
7. Environment friendly

**Application :**

1. Used for parts turnover boxes, instrument turnover boxes, beverage turnover boxes, pesticide turnover boxes, inner packaging of precision instruments, medicine packaging boxes, postal packaging boxes, pads and partitions for packaging electronic components.
2. It is used for the liner of various luggage and travel bags.
3. For advertising and decoration: display boards, commodity identification boards, billboards, light boxes,



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## PP TURNOVER BOX

**Material :** PP + HDPE

**Color :** Customized

**Thickness :** 2-10mm

**Applicable Temperature Range :** -30° C to 55° C

**Advantage :**

1. 100% virgin materials
2. Folding coaming box
3. Durable and recyclable products
4. Groove and lock design



# ICE RINK SERIES

冰场系列

## PRODUCT INTRODUCTION

Ice rink is a popular ice sports product in recent years, benefiting from the progress of science and technology, there is almost no difference between simulated ice and real ice, but it has a higher cost advantage. At the same time, it is not limited by the venue, weather, season and temperature, you can enjoy the fun of skating at any time, whether indoor or outdoor. The simulated ice surface used in the simulated ice place is made of a special ultra-high density synthetic material UHMWPE, thus ensuring an extremely long service life in similar products.

Synthetic Ice Rink System makes skating possible for everyone anything everywhere. With synthetic ice rink system everyone can enjoy ice-skating in an inexpensive and environment-friendly way. Ice rink is today's best choice for all ice-related sports. We manufacture fully enclosed rinks, open ended rinks, hockey systems. The system are designed for office building, commercial buildings, backyards, basements and garages etc.



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## SYNTHETIC ICE SHEET



**Material :** UHMWPE

**Thickness :** 15mm, 20mm or Customized

**Size :** 1000x2000mm or Customized

**Color :** White

**Production Process :** Mold pressing, CNC process

**Advantage :**

1. Low Friction Surface
2. UV Stable
3. Can be used in any climate
4. Will not Warp/ Crack or Distort
5. Water and Chemical Resistant
6. Seamless Finish for Safer Skating
7. Longer service lifetime of not less than 15years
8. Built and Dismantled Quickly
9. Completely recyclable
10. Reduce cost and save water and electricity.

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## HOCKEY SHOOTING PAD

**Material :** HDPE

**Color :** White or Customized

**Thickness :** Customized

**Size :** Customized

**Advantage :**

1. Extremely high impact strength, excellent wear and abrasion resistance
2. Energy absorption capacity at high loading rates
3. Resistance against fatigue
4. Easy to move
5. Dimensional stability
6. Good chemical resistance

**Application :**

Sports venues: the rink, basketball court, tennis court, five-a-side football, volleyball, football, hand court, badminton court, table tennis field, skating rink, hockey, goal kick, etc.



## HOCKEY DASHER BOARD



**Material :** HDPE sheet + steel frame / aluminum frame

**Size :** According to your rink size negotiated

**Color :**

1. Blue cap rail, Gold kick plate, white facing board
2. Blue cap rail, Red kick plate, white facing board
3. Any color you need

**Advantage :**

1. Corrosion-resistant
2. Superior durability
3. Clean, professional appearance
4. Low maintenance
5. Easy installation and removal for events
6. Custom sizing
7. Easily transported and assembled and stored
8. Can be used indoor or outdoor



## FLOORBALL RINK

**Material :** PP

**Size :** Customized

**Color :** Customized

**Advantage :**

1. Light weight, convenient handling, reducing transportation cost
2. Durable: Wooden fence posts are easy to rot, iron fence posts are easy to rust, and polymer fences are resistant to corrosion and aging.
3. Assembled design, installation is quick and simple, two persons can complete the installation.
4. Safety bolts, high safety factor.
5. Good decoration and rich colors can meet the individual needs of different customers for products.
6. Environmental protection and pollution-free, which solves the problem of common products polluting buildings.



# OTHER PLASTIC PRODUCT

## 其他塑料产品



### LDPE SHEET

Density : 0.92 g/cm<sup>3</sup>

Thickness : 0.5-20mm

Color : White, Black, Red, Blue or Customized

Size : 1220 x 2440 mm or Customized

Max Width : Max 1500mm

Surface : Glossy, Rough, Smooth, Textured

Production Process : Extrusion

Application :

Advertising, Decoration, Plastic Vacuum Forming Products, Wear Resisting Liner, Filling Machinery, Conveyor Accessory, Chemical Machinery, Electric Products.

Advantages :

Self-lubrication, Low water absorption <0.01%,

Working temperature: -60 to 80°C

### ABS SHEET

Density : 1.07g/cm<sup>3</sup>

Thickness : 0.5-10mm

Color : Black, white, blue, red, yellow or Customized

Size : 1220\*2440mm, or Customized

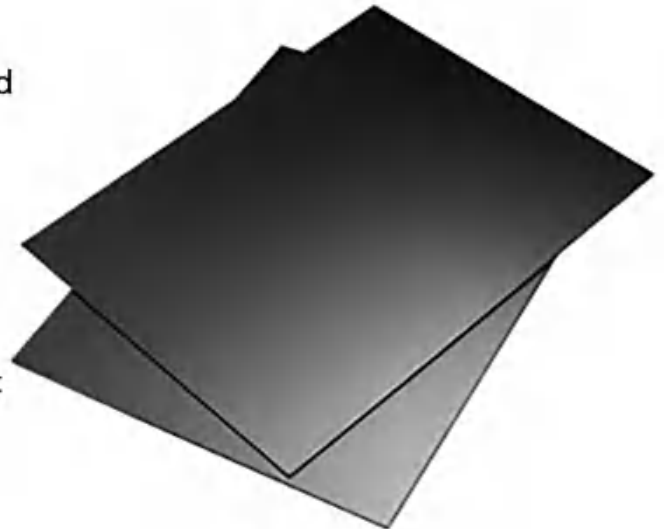
Max Width : 1700 mm

Surface : Matte, Glossy, Bark, Orange peel, Fine pattern, Cloth, Nail pattern

Production Process : Extrusion

Application :

1. Machine housings, guards, and covers Instrument panels
2. Models and prototypes
3. Point-of-purchase displays
4. Storage cases and display bases
5. Thermoformed displays, trays, and tote bins



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## PC SHEET

**Thickness :** 1-19mm

**Color :** Customized

**Size :** Customized

**Max Width :** 2600 mm

**Application :**

Indoor living space, building roof lighting, sports venues, swimming pool roof, corridor ceiling, etc

**Advantages :**

1. High transmittance
2. Strong impact resistance, the impact strength of PC products is 250-300 times that of ordinary glass and 20-30 times that of acrylic plates.
3. Good weather resistance. Weather resistant PC products have a UV coextrusion layer on one side, which can block ultraviolet rays from passing through.



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## PC HOLLOW SHEET

**Thickness :** 4-38mm

**Color :** Customized

**Size :** Customized

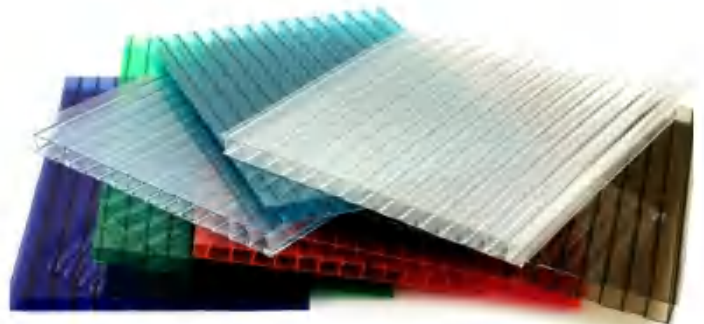
**Max Width :** 2100 mm

**Application :**

Canopy, Lighting ceiling, Parking shed, Skylight, Agricultural greenhouse, Ecological restaurant

**Advantages :**

1. High transparency
2. Good bending
3. Flame resistant
4. High impact resistance. It has strength that other materials can not reach.
5. Anti ultraviolet light transmission, the light transmittance of the products is as high as 89%
6. Light quality. Lighter than ordinary glass, explosion-proof is not easy to break



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## PET SHEET

**Thickness :** 0.15-2.5mm

**Color :** Customized

**Size :** Customized

**Max Width :** 1300 mm

**Application :**

1. Food packaging: Case and tray for confectionery, bakery, fruits, vegetable, fishery, meat products
2. Blister packaging: Toys, accessories, batteries, commodities
3. Medical packaging : Containers for medical supplies, optical devices
4. General usage: Case for cosmetics, dolls, sports stuffs, writing materials, common box type cases, and other stuffs



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## PMMA ACRYLIC SHEET

**Color :** Clear, Colored, Frosted or Customized

**Size :** Customized

**Product Feature :**

1. Perfect transparency and the light transmittance with 93%
2. Excellent electrical insulation
3. Very light in weight
4. High plasticity, Processing and shaping easier
5. Strong surface hardness and good weather resisting property
6. Beautiful in color, easy to clean

**Application :**

1. Construction: windows, soundproof windows and doors, mining mask, telephone booths, etc.
2. Ad: light boxes, signs, signage, exhibition, etc.
3. Transport: trains, cars and other vehicles, doors and windows
4. Medical: baby incubators, a variety of surgical medical devices
5. The public goods: sanitary facilities, handicrafts, cosmetics, frame, tank, etc





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# QINGDAO JUMBO INTERNATIONAL TRADE CO., LTD.

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