



Innovative Plastic Sheet and Box Maker

Polyreflex Hi-Tech Co., Ltd.

Polyreflex team with over 15 year experiences, specializing in the manufacture of lightweight plastic sheets, one-stop solution for thermoforming, machining, and assembly, dedicated to signs and displays, logistics and packaging, vehicles, and chemical industries. Warmly welcome project purchasing managers, wholesalers, individual consumers and designers to write us your requirements.

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Polyreflex Company profile



Our products ∞ solutions

710

We employ 710 employees

15

More than 15 years technology know-how

100%

We are there for you with 100% engagement

6

At 6 locations

89,000

Over 89,000 m2 production area

38

Sell more than 38 countries and regions

60,000

Every year we produce 60,000 tons Polyreflex materials

1

Everything from 1 source



Polyreflex Polypropylene Film Sheet

Good Flexibility

Excellent Printing Ability

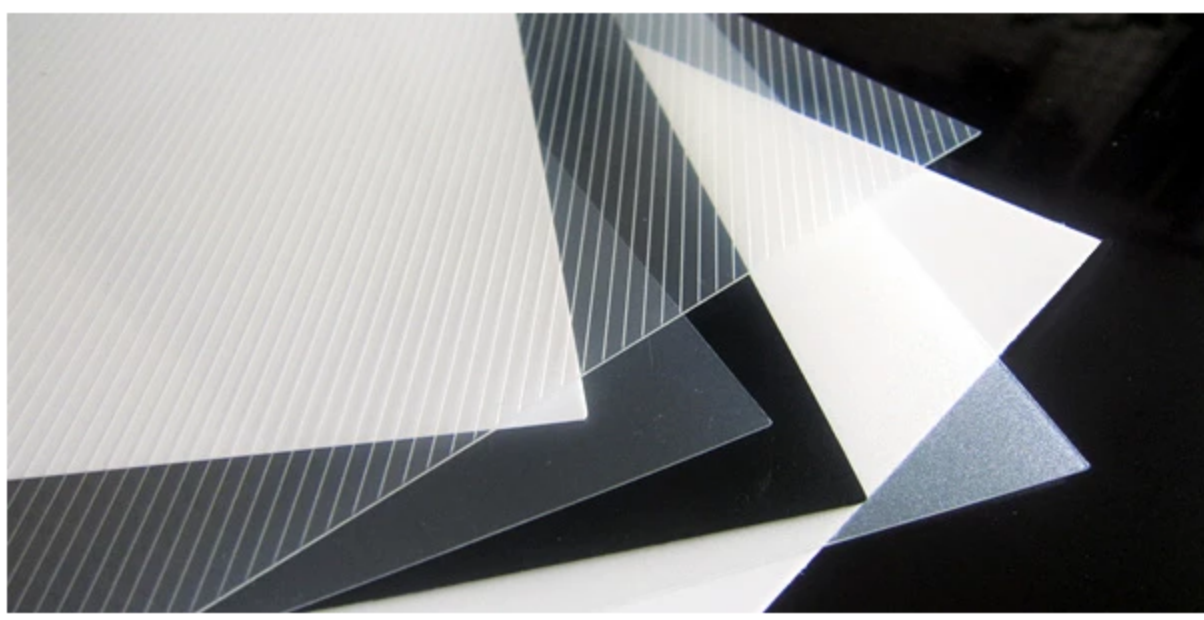
Environmentally Friendly

Description

Polyreflex Polypropylene (PP) Film Sheet

is a flexible and wear-resistant thermoplastic sheets or rolls, made of non-toxic, odorless polypropylene material through extrusion production.

Polypropylene has great color fastness properties, which means that by adding color masterbatch and using textured pressure rollers, can produce the PP sheets with a variety of colors and surface textures, which can be applied to stationery products after die cutting or laser cutting. PP film sheet is highly processable, easy to offset printing, easy to fold into a box, and excellent molding ability, making it a popular packaging material in the food industry, cosmetics, toy, and electronics industry. Polypropylene has a very high melting point, and it is chemically resistant to most oils and solvents, this comes with many uses in the food container industry and other heat resistant applications.



Resistant to Wear

Polypropylene film sheet is flexible, wear resistant and tear resistant. It can be easily fold into a box or a gift bag, and it won't crack even after repeated use.



Printing Ability

PP sheet is a plastic widely used in packaging boxes and stationery products. It has good printing ability, suitable for CMYK offset printing and silk screen printing.



Chemically Stable

Polypropylene has the characteristics of corrosion resistance, weather resistance and high temperature resistance, can be used in humid environment and outdoors.



Environmentally Friendly

Polyreflex PP film sheet is recyclable. After the used polypropylene materials or products are fragmented and heated to the melting point, it can be recycled and reused.



Easy Processing

PP film sheet as a thermoplastic, can be easily processed, such as die-cutting, printing, welding, bending, vacuum forming, blow molding. It is very suitable for making boxes.

Specifications

Thickness	0.15mm - 2mm
Width	Max. 1100mm
Size	B5, A4, A3, A2, A1 are standard sizes, custom size is available
Density	0.92 - 0.95g/cm3
Surface	Glossy, matt, textured, grain
Color	Transparent, white, black, green, blue, red, yellow are standard colors, custom colors are available
Service Options	Die-cutting, laser cutting, offset printing, silk-screen printing, UV printing, thermoforming

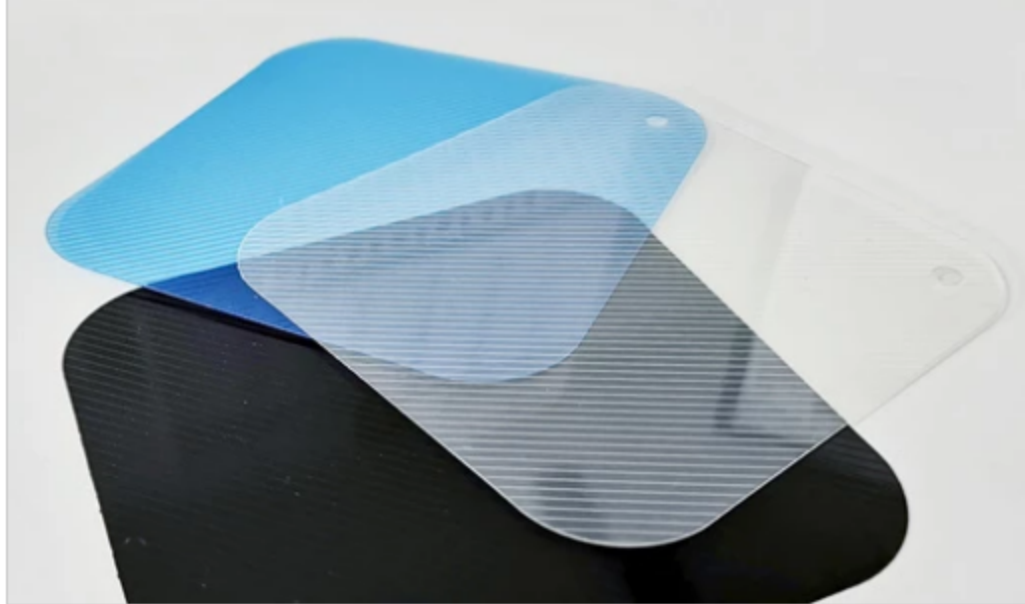
Surface Type



Glossy PP film sheet



Gentle matt surface, anti-scratch PP film

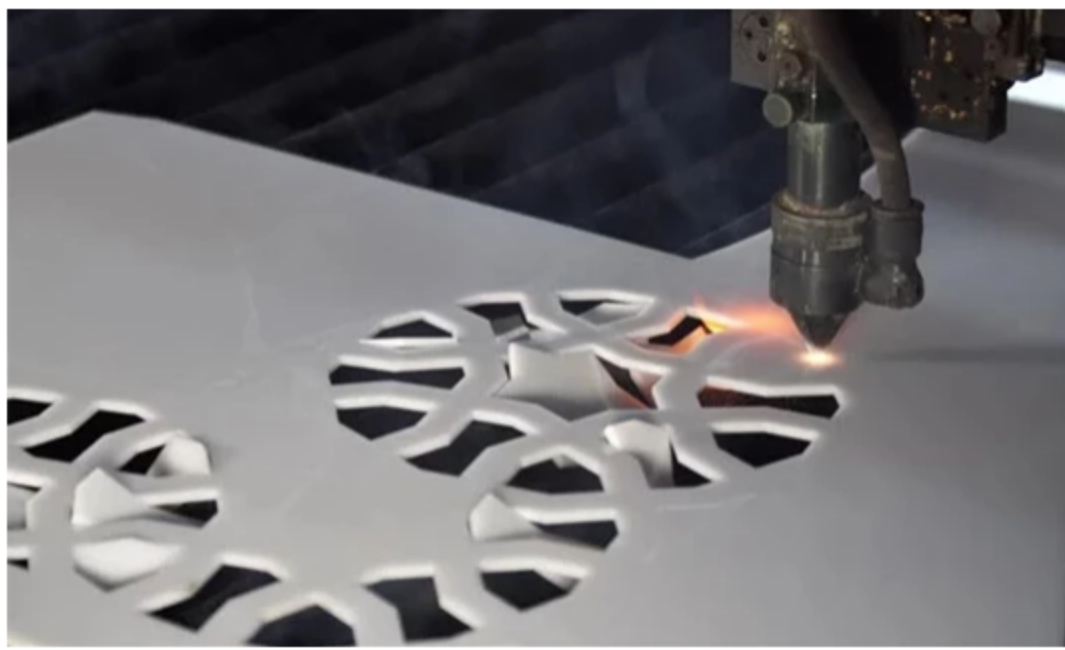


Grain surface, thin PP sheet with lines

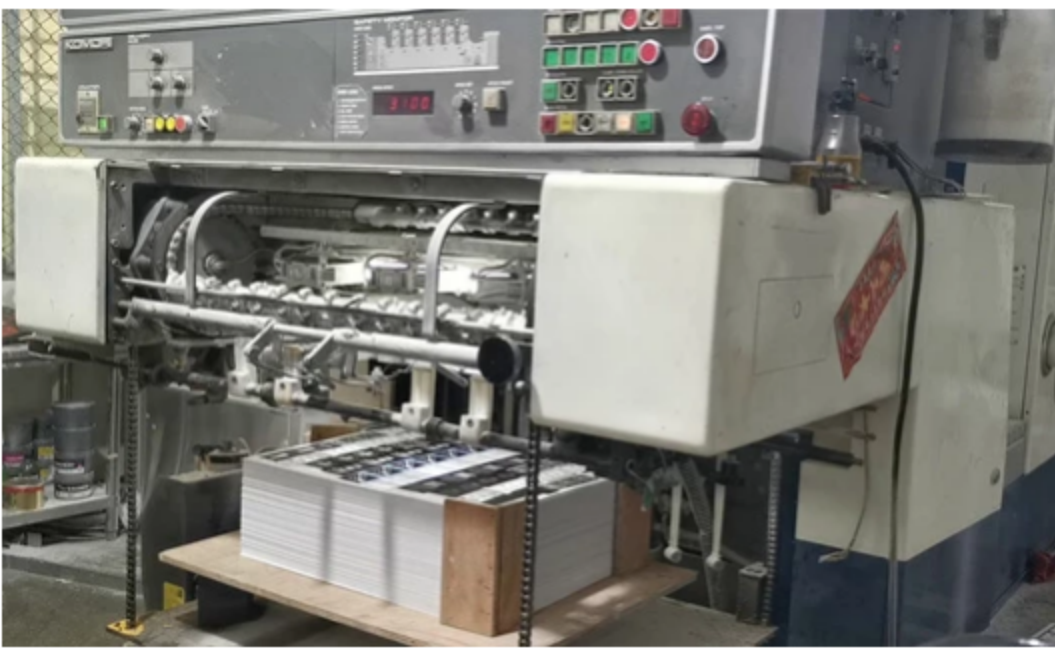
Processing Service



Die-cutting



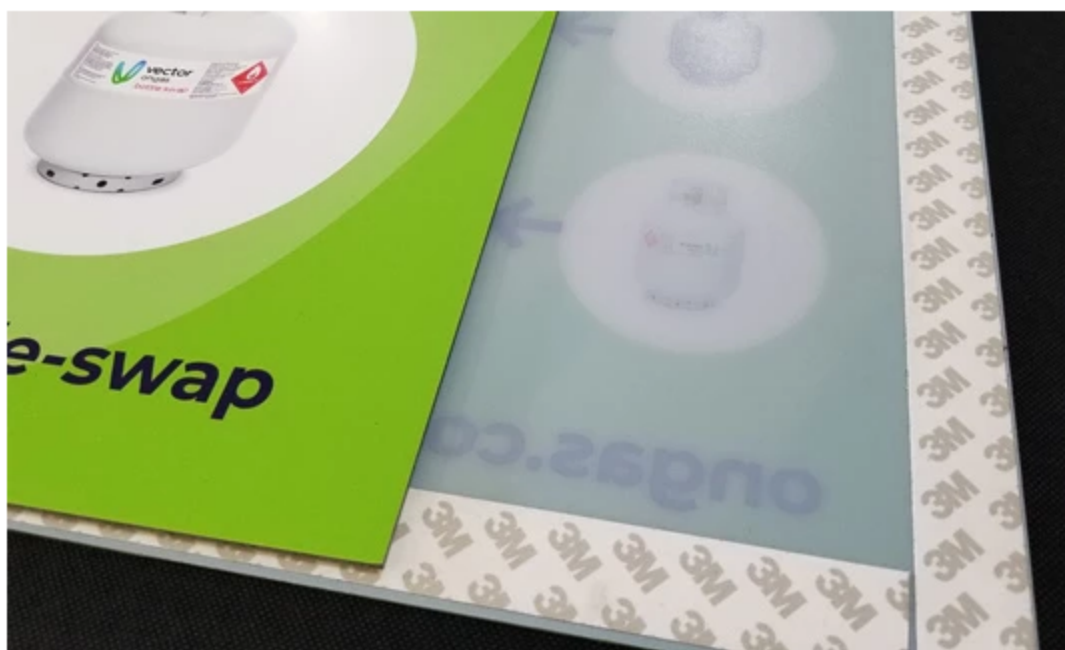
CO2 laser cutting



CMYK offset printing



Silk screen printing



Attaching the 3M tape



Blister packaging for precision parts and electronic components

The Use of Polypropylene Film Sheet

Food Container

Polypropylene is non-toxic and odorless, it will not produce toxic and harmful gas when heated or burned, no harm to human health, which makes pp film sheet suitable for applications that require high temperature sterilization, such as fast food boxes, thermoformed trays for food, microwave appliances and other food packaging.



Packaging Boxes and Bags

PP sheet has the advantages of high transparency, good surface brightness, less crystal points and ripples, and is easy to form. It is widely used in outer or inner packaging for toys, food, electronic products, electrical appliances, gifts, cosmetics, stationery, etc.



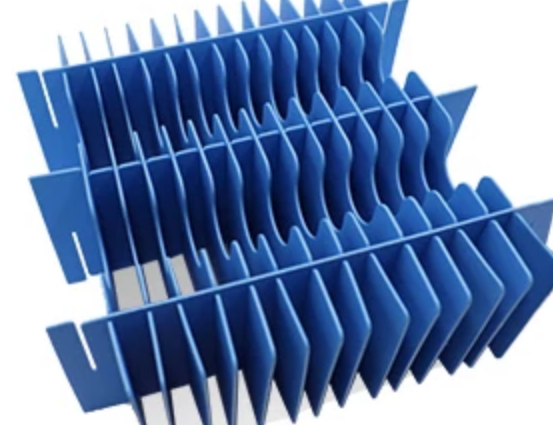
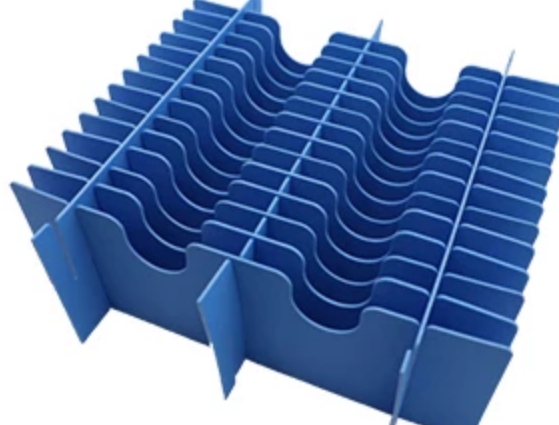
Stationery & Office Supplies

With the multi-colors and a variety of surface textures, PP film sheets are popularly used in stationery products and office supplies, such as file packet, notebook cover, file folders, organizer, binder, writing board, etc.



Divider for Electronic Products

Due to the good antistatic properties of polypropylene sheet, as the inner divider of electronic product packaging, it can protect electronic products from collisions and better protect circuit boards and electronic components from current damage.



Household Goods

PP film sheet is often used for household products, such as lamp shade, storage containers, demountable wardrobe, shoes box, etc. Polyreflex, as a manufacturer of PP sheet, welcomes all customers to join us in developing more uses of PP sheets.



If you would like to discuss your specific product requirements further, please feel free to contact us.

<http://www.polyreflex.com/>

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