Ace Zenith
(Shanghai) International Co., Ltd
艾赞斯(上海)国际贸易有限公司

PRODUCT CATALOG · EDITION 1 · 2026

PVC, PP and PO films from China.

Rigid PVC film · PP synthetic paper & film · PO film for out-mould decoration and PVC electrolytic copper-foil tanks.







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ABOUT US

One reliable partner in Shanghai

Ace Zenith (Shanghai) International Co., Ltd (艾赞斯(上海)国际贸易有限公司) is an international trading company based in Shanghai, China. In 2026 we focused the company on plastics and chemical materials, with PVC, PP and PO films as our main business.

We do not try to be everything to everyone. We work closely with a manufacturer we know well and act as the single point of contact for the buyer: specification, samples, quality checks, documents and shipment.

What we do

- Match your application and specification to the right film
- Arrange samples and written quotations
- Coordinate quality control with the manufacturer before shipment
- Coordinate packing, documents and logistics
- Communicate in English and Chinese

Our partners

Wuxi HongYi Polymer Materials Technology Co., Ltd. PVC and PP film manufacturer in Xinwu District, Wuxi. We work in partnership with HongYi to bring its rigid PVC films, PP synthetic paper and PO decoration film to international buyers.

Sekisui (Japan). For PVC electrolytic copper-foil tanks, Ace Zenith is a sales partner for Sekisui.

In this catalog

1	PVC Film	Rigid & semi-rigid PVC film, 0.035 – 0.80 mm
2	PP Film	PP synthetic paper & PP sheet, 0.075 – 0.50 mm
3	PO Film	Polyolefin film for out-mould decoration (OMF / OMR)
4	PVC Electrolytic Tanks	Rigid-PVC tanks for copper-foil production (secondary product)

How ordering works

1. **You send your specification** – product, application, thickness, width, length, finish, quantity (see the checklist on the last page).
2. **We confirm the details with the manufacturer** and recommend a suitable grade.
3. **Samples and quotation** – we arrange samples if needed and send a written quotation.

Quotations are prepared individually, because price depends on thickness, width, length, surface finish (for example matte or glossy) and quantity. Specifications in this catalog are indicative and are confirmed at quotation.

CORE PRODUCT 1 · FILMS

PVC Film

Rigid & semi-rigid PVC film



Calendered PVC film made by our manufacturing partner **Wuxi HongYi** on German KKA calender lines, including 3.5-metre-wide machines. We help you choose the grade, arrange samples and coordinate quality control and shipment.

0.035 – 0.80 mm | 300 – 3,000 mm | Rolls or sheets

General specification range (rigid PVC film)

Thickness	0.035 – 0.80 mm
Width	300 – 3,000 mm
Packaging	Sheets or rolls
Performance options	High toughness & anti-static · No white crease on folding · Weather- and cold-resistant options · Customisable gloss, matte to high gloss
Processing	Good lamination, thermoforming and printing performance

Application grades



Decorative laminate film

0.04 – 0.60 mm

Printed and embossed textures that mimic real wood. Does not turn white when folded, suited to wrapping sharp furniture edges. For floors, cabinets and wall panels.



Christmas-tree leaf film

0.04 – 0.25 mm

Good stiffness, realistic colour and a leaf-like texture. For Christmas trees and decoration accessories.



Vacuum-forming film

0.10 – 1.00 mm

High impact resistance, with anti-static and anti-UV options. Sharp, precise thermoforming for blister and tray packaging.

More grades at a glance

Grade	Thickness	Typical use
Food packaging	0.09 – 1.00 mm	Non-toxic formula for food packaging; oxygen and moisture protection; rapid forming. Market-specific compliance to be confirmed per order
Pharmaceutical packaging (PVDC)	0.25 – 0.50 mm	Transparent or coloured sheets; moisture and oxygen barrier; high transparency and gloss
Pharmaceutical cold-forming laminate	PVC layer 0.06 mm	PVC / nylon / aluminium-foil laminate for cold-form blisters of light-, oxygen- and moisture-sensitive medicines
Industrial & specialty	0.03 – 0.50 mm	Vacuum-metallizing grade (decorations, labels, reflective materials); cooling-tower sheets with erosion and corrosion resistance
Other ranges	on request	Semi-rigid film, printing film, folding and forming film, stationery film, colored high-gloss, spacer and release films

Thickness ranges are indicative and vary by grade. Send your specification and we will confirm with the manufacturer.

Made on large-format calender lines

HongYi operates 12 calender production lines with German KKA equipment, including 3.5-metre-wide calenders for uniform thickness and flat surfaces, and a 100,000-class clean room for pharmaceutical and food-grade packaging films.

Information from the manufacturer's company profile.



Production figures are taken from the manufacturer’s company profile and website. Market-specific compliance (e.g. for food or pharmaceutical use) is confirmed per order.

CORE PRODUCT 2 · FILMS

PP Film

PP synthetic paper & PP sheet



A water-resistant, recyclable alternative to paper and PVC film, produced by our manufacturing partner **Wuxi HongYi**. Thickness, colour and texture can be customised.

0.075 – 0.50 mm | 500 – 1,800 mm | Rolls or sheets

Key advantages

- **Waterproof** – 100% moisture resistance, suited to humid and underwater use
- **Lightweight** – significantly lighter than traditional paper
- **Printable** – smooth surface for vibrant, non-fading colour
- **Durable** – high tear resistance and folding endurance
- **Chemically resistant** – withstands acids, alkalis and oils
- **Eco-friendly** – recyclable, reduces tree logging
- **Customisable** – adjustable thickness, colour and texture

Specification range

Width	500 – 1,800 mm
Thickness	0.075 – 0.50 mm
Colours & looks	Translucent, white, pearlescent, metallic
Packaging	Rolls or sheets
Special performance	Anti-static · high toughness · acid-resistant · cold-resistant · adjustable gloss / matte

Applications

Labels & seals

Packaging

Face material for label and seal constructions (PP film approx. 0.08 – 0.1 mm) with strict gloss and flatness control.



High-end printing

0.15 – 0.30 mm

High-end menus, posters and art paper. Waterproof and oil-proof, with long-lasting vibrant colour.



Home décor

PVC alternative

Printed wood-grain décor film as a more sustainable alternative to PVC for cabinets and interior surfaces.



Industrial release liners

Industrial

Release liner for wetsuit materials, waterproof zippers and TPU bonding, with defect-free surfaces and high-temperature resistance.

Wafer spacer

0.1 – 0.5 mm

Spacer film for wafer-chip packaging: low static / ESD safe, no powder shedding and very high flatness.

CORE PRODUCT 3 · FILMS

PO Film

Polyolefin film for OMD decoration



PO film is the carrier that makes out-mould decoration (OMD) work: it turns a CMF design (colour, material, finish) into a real surface on plastic parts. Our manufacturing partner **Wuxi HongYi** produces the film; we help you scope it with your forming or decoration process.

OMF & OMR processes | Replaces paint & anodizing | Electronics · Auto · Home

Two decoration routes



OMF – Out-Mould Forming

Lamination forming

Lamination-forming type, suited to complex curved or irregularly shaped objects.



OMR – Out-Mould Release

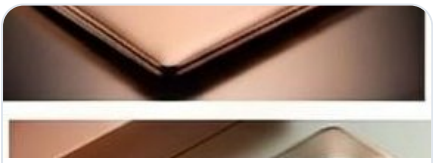
Transfer printing

Horizontal external transfer printing, suited to flat surfaces, metallic finishes and glass.

How it is made into a finished part

- **PO film** from the manufacturer
- **Pre-processing** – printing, embossing, adhesive coating
- **TOM forming** – thermo overlay moulding
- **Finished product**

Applications



Electronics & 3C

OMR

A premium metal-like finish directly on plastic substrates, positioned as an alternative to anodizing and spray painting, and lighter than metal parts.



Mobility

OMF

Lightweight wood-grain trim for vehicle interiors and weather-resistant exterior shells for two-wheelers, as an alternative to real wood and carbon fibre.



Home & living

Appliances

Turn white appliances into lifestyle pieces with decorative surface finishes.

Specifications

Film specifications depend on the decoration process and the part. Send us your part, process and target finish and we will confirm suitable PO film with the manufacturer.

SECONDARY PRODUCT · EQUIPMENT

PVC Electrolytic Copper-Foil Tanks

Sekisui (Japan) · sales partner



Rigid-PVC plating tanks (electrolytic cells) for continuous electrolytic copper-foil production, including foil for lithium-ion batteries. Ace Zenith acts as sales partner for **Sekisui** (Japan) for this product.

5 – 15 m tank length | Custom sizes

Why a rigid-PVC tank

- Excellent resistance to sulfuric acid and copper-sulfate electrolyte
- Lower cost and shorter lead time than metal tanks
- Large tanks possible through welded construction
- Light weight, so lower load on the foundation
- Easy maintenance and a long record of continuous operation

Construction: PVC plate (10 – 30 mm) with PVC reinforcing ribs on an FRP or steel frame, around an insoluble anode (Ti/MMO) and a rotating titanium drum cathode.



Illustrative image of tanks in a continuous line.

Typical specifications

Item	Typical value
Tank material	Rigid PVC, acid- and corrosion-resistant grade
Inner tank size (L × W × D)	5,000 – 15,000 × 2,000 – 4,000 × 1,500 – 2,500 mm (custom sizes available)
Drum diameter / width	2,500 – 4,000 mm / 1,400 – 1,800 mm
Electrode gap	30 – 80 mm
Electrolyte	$CuSO_4$ + H_2SO_4, 45 – 55 °C
Current density	50 – 120 A/dm^2 (set per application)
Line speed	30 – 120 m/min (adjusted to foil thickness)
Copper-foil thickness	4 – 12 µm (lithium-ion battery) · 12 – 70 µm (general use)

Representative values only. Final dimensions and specifications are defined per project.

Tank photo is illustrative. Specifications are representative and are defined per project.

INQUIRY CHECKLIST

What to send us for a quotation

Fill in what you know; leave the rest and we will help you choose. You can use the form at acezenithglobal.com/contact/ or email the details to williamlee@acezenithglobal.com.

For films (PVC · PP · PO)

- Product family and grade or type, if known
- Application / end use
- Thickness (mm) and width (mm)
- Length per roll, or sheet size; roll or sheet supply
- Surface finish – matte, glossy, semi-matte or textured
- Colour / transparency
- Special requirements (printing, lamination, anti-static, UV...)
- Certifications or standards required
- Estimated quantity

For electrolytic tanks

- Foil application (lithium-battery or general copper foil)
- Tank size (L × W × H) and PVC plate thickness
- Number of tanks
- Drum size, electrode gap, line speed, if known

For every request

- Destination country or port, preferred trade term
- Required delivery date
- Sample quantity and delivery address (for sample requests)

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