

# ADSURE PACKAGING LIMITED

## Auto Pre-open Bag

Since 1985

Automatic Pre-Opened Perforated  
**APOP**®

**AdSURE**®

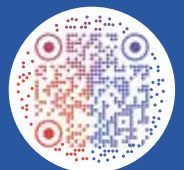


### Custom Design and Print Service

From the initial design concept to creating prototype samples, we provide a wide range of artistic services and customized printing solutions.

### Quality Assurance

We have an advanced quality control system that enables us to track and monitor product quality before, during, and after production.



[www.AdsurePackaging.com](http://www.AdsurePackaging.com)



## Adsurre® Packaging Limited

Adsurre® Packaging is a leading company in China that specializes in designing and manufacturing functional flexible bags.

We offer a range of Auto Packaging solutions for various applications, providing customers with high-efficiency operations and cost savings.

We continuously innovate and expand our production capacity to meet the diverse packaging requirements of different countries and applications through our brand Adsurre®.

Our professional packaging expertise is not only our own, but also shared with our customers.

ADSURE® = **AD**vanced Technology to en**SURE** security packaging  
 = The Quality and Trusted partner for Security Packaging

## Contents

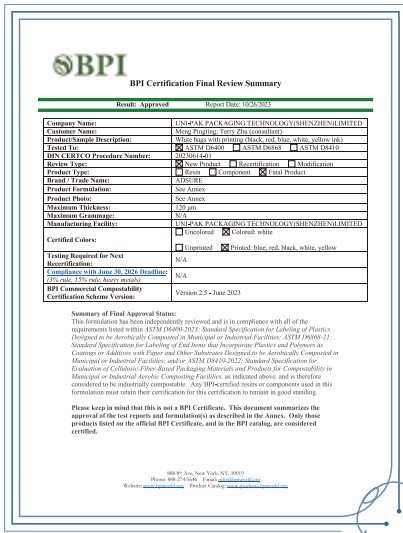
Introduction .....	2
Aptitude honor .....	3
Patent Certificate .....	4
Application Fields .....	5
APOP® Standard Auto Pre-opened Bags .....	6
VCI Pre-Opened Bags .....	7
Anti-Static (ESD) Pre-Opened Bags .....	7
Side Pouch Pre-Opened Bag .....	8
Pre-Opened Bag with Handle .....	9
Custom Bag Styles .....	10
Custom Features .....	11
Custom Printing .....	12
Custom Materials .....	13
Quality System .....	14
How to test the strength of perforation line .....	15

### Our Goal:

**100%** Customer Satisfaction



# Aptitude Honor



**BPI**



**OK TÜV**



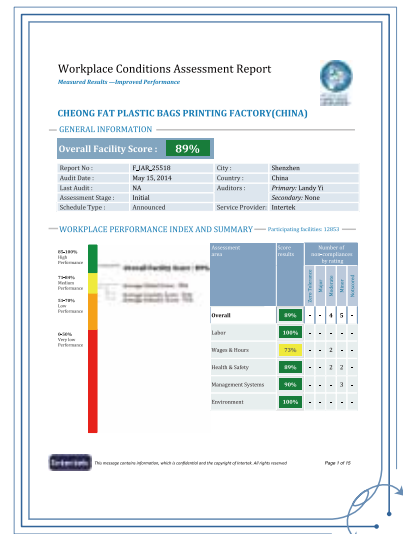
**DIN**



**GRS**



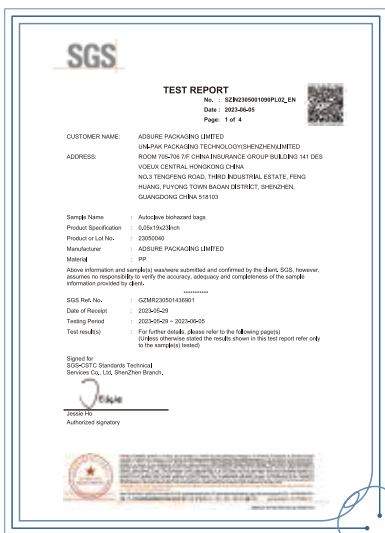
**Clean Workshop**



**WCA**



**ISO9001**



**SGS**



**SGS**

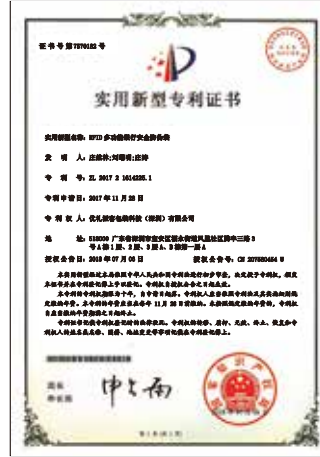
PATENT CERTIFICATE



Anti-counterfeiting Rolling Safety Zip-Lock bag ZL 2022 2 1897032.2



Coin Deposit Bags ZL 2017 2 0294594.0



RFID Security Bags ZL 2017 2 1614225.1



Antitheft Dyeing to Escort Safety Bag ZL 2017 2 0727854.9



Banknote coin escort security bag ZL 2016 2 0175123.3



Police Forensic Evidence Bags ZL 2016 2 0317008.5



ICAO STEB's / Duty-Free Bags ZL 2016 2 0206512.8



Food Delivery Tamper Evident Bag ZL 2019 2 0275568.2



Medicine Security Bags ZL 2015 2 0652910.8



Medical and Health Detection Filter-screen bag ZL 2016 2 0321199.2



Reusable Poly Mailers With Die Cut Handle ZL 2016 2 0089582.X



Poly Mailers for Second Use ZL 2016 2 0175269.8



Courier Bag ZL 2015 2 0655378.5



Hardware & Fasteners



Electronics



# Application Fields



Coins & Financial Products



Personal Product and Cosmetic



Pharmaceutical Fulfillment



Apparel & Accessory Packaging



Food



Healthcare



Crafts



Household products



Toys



Mail Order Fulfillment



Pet Products



Agriculture & Testing

## APOP® Markets Served

Adsure provides innovative bagging machinery, including pre-opened bags on a roll and pre-opened bags in a box.

We offer professional services and packaging solutions to our customers. Our goal is to help streamline packaging operations, improving efficiency, saving labor and time, and maximizing the rate of output.

## APOP® Standard Auto Pre-opened Bags



Clear

Clear & White

White

Colored

### Standard Features

1. Pre-Opened for feeding
2. Connect by Perforation line on Roll
3. Apply for thermal printing directly
4. Easy to open by horizontal / vertical perforation line

### Standard Size

W" x L"	Thickness	Bags/Roll	Roll/Case
3" x 5"	2 mil	3000	12
4" x 6"	2 mil	2500	8
5" x 7"	2 mil	2000	8
6" x 8"	2 mil	1750	8
8" x 10"	2 mil	1500	4
9" x 12.5"	2 mil	1250	4

### Technical Information

Performance Data:	U/M	1.54/SD	2.0/ET	2.8/ST	ASTM
Puncture Resistance (Dart)	grams	220	315	380	D-1709
Tensile Strength MD	psi	4600	4335	4290	D-882A
Tensile Strength TD	psi	3695	3660	3530	D-882A
Elongation MD	%	530	540	618	D-882A
Elongation TD	%	640	650	670	D-882A
Elmendorf Tear MD	grams	378	575	980	D-1922
Elmendorf Tear TD	grams	940	1158	1400	D-1922

\* SD=Standard Duty ST=Super Tuff ET=Extra Tuff

## VCI PRE-OPENED BAGS

### Feature

- VCI without alter bagged product characteristics.
- Intergrated at low temperature with vapor corrosion inhibitors.
- Keep product clean and dry.
- Very low moisture vapor transmission rate.

### Applications

- Automotive
- Spare parts
- Hardware
- Screws and Fasteners
- Bearings
- Others ferrous metals



## ANTI-STATIC (ESD) PRE-OPENED BAGS

### Feature

- Meets EOS/ESD standard.
- Dissipates static to protect sensitive products & Enhances overall performance.

### Applications:

- Electrical components
- Instruments
- Meters
- Any objects that require electrostatic shielding.

### Type:

- Add special additives
- Laminate shielding structure



## Side Pouch Pre-Opened Bag



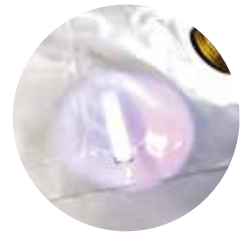
Fanfolded



Grip seal



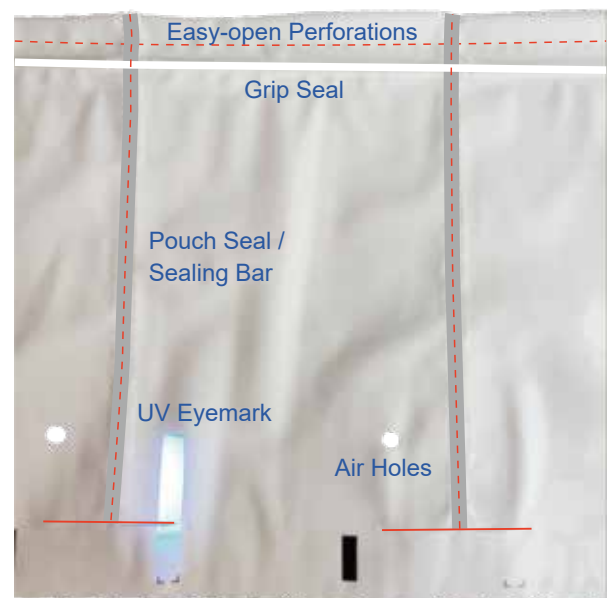
Compostable on Rolls



UV

### Application

- Ziplock / Resealable Bags / Reinforced Headers / Easy-open Perforations.
- Fan-folded in a box.
- Used for variety applications from food to e-commerce high-productivity solutions.
- Pre-opening design to help customers easily and efficiently products.
- Super customized capabilities meet different designs for special auto machines.





# Pre-opened Bag with Handle



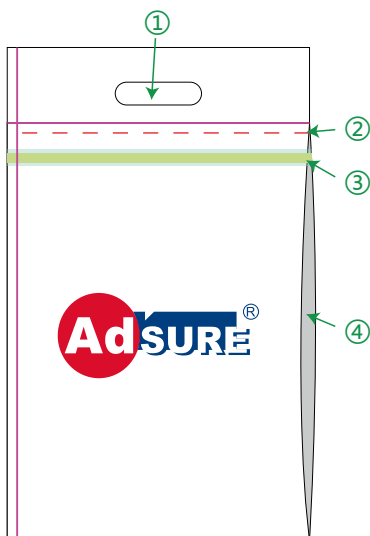
## Applications

- E-commerce & Online Store
- Apparel & Accessory Packaging

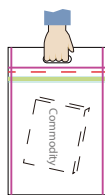
## Custom Options

- Size
- Material
- Printing
- Handle
- Vent Hole
- Perforations

## Features:

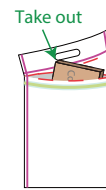


### 1. Handle



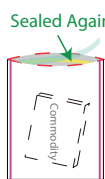
Convenient for carrying and transportation.

### 2. Perforation line



Easy open without scissors for ender user.

### 3. Glue

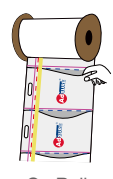


Additional glue reuse the bag with an eco-friendly design.

### 4. Packaging



Fan-folded



On Rolls



# Custom Bag Styles



Clear PP



Clear + White Side



Anti-static grid (ESD)



Anti Static (ESD)



Laminated (ESD)



Anti Rust (VCI)



Compostable



Twin Component



Triplet Component



Handle



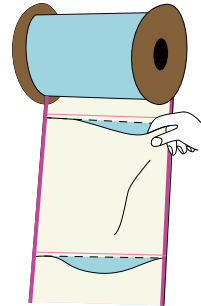
Resealable



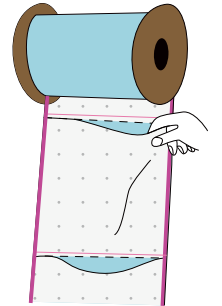
Poly Mailer on Rolls



Kraft Paper



PE + Paper



PE + Tyvek



Side loading Bag + Compostable



Side loading Bag + UV



Ziplock Side loading Bag



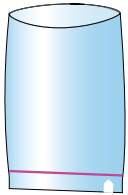
Fanfolded

## Custom Features

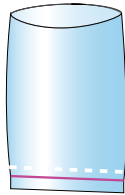
### Custom Size

Bag Thick	0.025-0.2mm
Bag Width	2" - 36"
Bag Length	2" - 72"

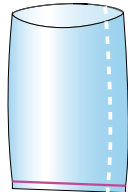
### Perforations & Notches



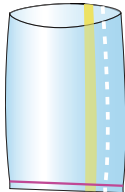
Tear Notch



Horizontal Perforation



Vertical Perforation



Self-Adhesive tape with perforation line

### Vent Hole



Round Vent



No Through-holes

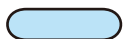


Flutter Vent



Crescent-shaped

### Handle & Hang Holes



Handle



half-moon



Arched



Perforated Handle Line



Euro slot (Butterfly Hanger)



Allotype

**The Plug** Metal & Plastic.



**Paper Plate** Customize Printing / Thickness / Material.



**Core** Plain / Printed logo; Paper / Plastic material.



**Pre-open Perforation Line** Adapt different pre-open perforation line to meet with machine's tearing tension.

**Ziplock Closure** Reusable for Ender User.

**Self-Adhesive tape with perforation line** Open the package easily by the perforation line. Can reuse and Eco-Friendly.

**Tear Notch** Easy to tear notch on anywhere.

**Vent Hole** Trapped air / Reduce Size.

**Hang Holes** Easy to hang on Perfectly show the product on display hook.

**Bi-ex Bags (Duplex Bag)** Front Clear Back White film / better for Printing with visible view.

**High-Integrity Seals** 5mm / 10mm pouch welding; leak proof; Withstand heavy content.

## Custom printing

- Flexo / Gravure printer up to 10 colors.
- Custom printing solution.
- Own designer/advanced device/excellent technology.
- Ability to match the colors of the Pantone Matching System or customer samples.



## Gravure & Flexo Plate Difference



### Gravure Printing

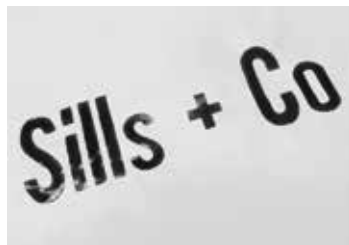
VS

### Flexo Printing

- Line size: 0.12 mm / 0.25 point.
- CMYK/Picture/Complex Printing.
- Full floods up to 100%.
- Delicacy / Solid / Rich texture.
- Grave the images and words on metal rolls.
- Rather costly.
- Speed: 100-120m / minutes.

- Line size: 0.2mm / 1.5 point.
- Rougher and simple content.
- 5mm blank on each edge; Max 95% coverage.
- Roughness / simply words / unsolid.
- Emboss Contents on resin plates.
- Economy.
- Speed: 30-40m / minutes.

## Hot Stamping Process



Tyvek Material  
Gold Foil Hot Stamping

Tyvek Material  
Black Hot Stamping

Pink PE Material  
Silver Foil Hot Stamping

Bright Black PE Material  
Gold Foil Hot Stamping

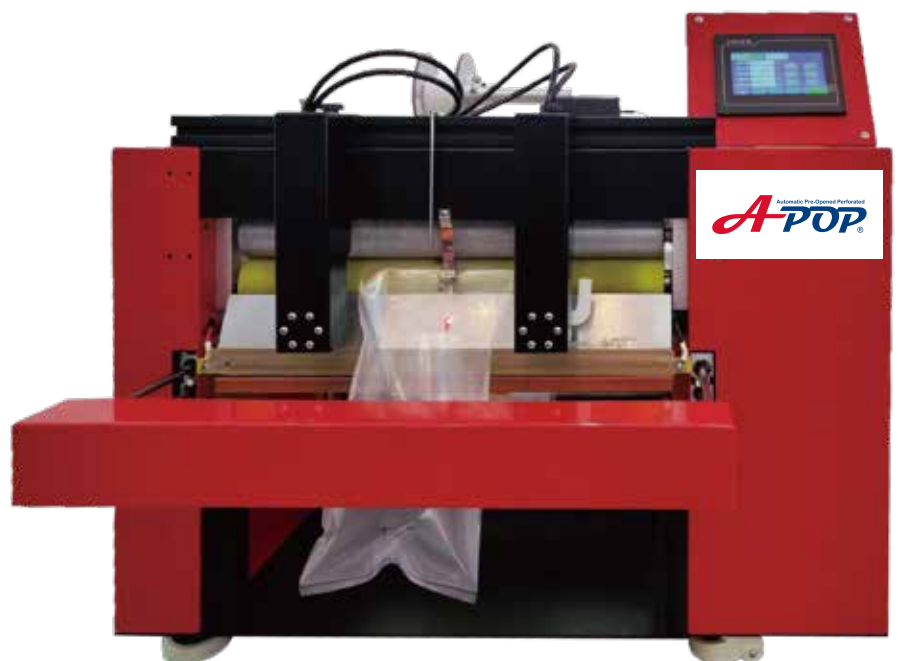
Material	Features	Application
<b>Clear Polypropylene</b>	<ol style="list-style-type: none"> <li>1. Super transparency</li> <li>2. Recyclable</li> </ol>	<ul style="list-style-type: none"> <li>● Automotive Parts</li> <li>● Small household appliances</li> <li>● Other Retail Applications</li> <li>● Toys</li> </ul>
<b>Clear Polyethylene</b>	<ol style="list-style-type: none"> <li>1. High transparency</li> <li>2. Used in general purpose / Recyclable</li> </ol>	<ul style="list-style-type: none"> <li>● Automotive Parts</li> <li>● Food Craft Items</li> <li>● Electronic Components</li> <li>● Other Retail Applications</li> <li>● Hardware</li> <li>● Medical Devices</li> </ul>
<b>Front Clear Back Colored PE</b>	<ol style="list-style-type: none"> <li>1. Easy to see content</li> <li>2. Easy to print and read information</li> <li>3. Recyclable</li> </ol>	<ul style="list-style-type: none"> <li>● Automotive Parts</li> <li>● Mail Order Fulfillment</li> <li>● Retail Packaging</li> <li>● Frozen Foods</li> <li>● Hardware</li> <li>● Crafts</li> <li>● Medical</li> <li>● Fasteners</li> </ul>
<b>Coextruded (Coex) Polyethylene</b>	<ol style="list-style-type: none"> <li>1. 100% opaque, 100% privacy</li> <li>2. Printed on bag directly</li> <li>3. Recyclable</li> </ol>	<ul style="list-style-type: none"> <li>● Bulk Parcels</li> <li>● Photographic Film</li> <li>● Pharmacy Fulfillment</li> <li>● Mail Order</li> <li>● Medical</li> </ul>
<b>Nylon</b>	<ol style="list-style-type: none"> <li>1. High prevention</li> <li>2. Extra extension</li> <li>3. Excellent oxygen barrier / CO2 performance</li> </ol>	<ul style="list-style-type: none"> <li>● Food</li> <li>● Automotive Products</li> <li>● Electronics</li> </ul>
<b>Biodegradable</b>	<b>EPI &amp; D2W:</b> Low-cost and biodegradable additive.	Comply with Eco-friendly policy.
<b>Bio-based</b>	<b>Green PE (Braskem):</b> made by the ethanol from sugarcane which is renewable.	
<b>Compostable</b>	<b>100% Compostable:</b> PBAT + PLA + Cornstarch.	
<b>Recycled</b>	<ol style="list-style-type: none"> <li>1. GRS 4.0 Certificatc.</li> <li>2. Track trace with TC letter.</li> </ol>	
<b>Tyvek</b>	Breathable material	<ul style="list-style-type: none"> <li>● Medical</li> <li>● Mailing</li> <li>● Security</li> </ul>
<b>Anti-static</b>	Anti-static, prevent quality problems caused by short circuit of electronic products.	<ul style="list-style-type: none"> <li>● Electrical</li> <li>● Components</li> <li>● Electronic</li> <li>● Kits</li> </ul>
<b>VCI</b>	Add Anti-rust additives.	<p>Ideal for Bag Packaging of Ferrous Metals:</p> <ul style="list-style-type: none"> <li>● Automotive</li> <li>● Medical Devices</li> <li>● Aerospace</li> <li>● Jewelry</li> </ul>
<b>UV</b>	Prevent the products from the influences of UV.	<ul style="list-style-type: none"> <li>● Pharmacy Fulfillment</li> <li>● Unit Dose Packaging</li> <li>● Security</li> <li>● Mail Order</li> <li>● Medical</li> </ul>

## How to control the APOP® bag quality

We prioritize your satisfaction by offering only the highest quality bags. To achieve this, we continuously improve our equipment throughout the mass production process and strive for excellence until our customers are completely satisfied.

We believe that innovation is key to exceeding customers' expectations. Our dedicated R&D team focuses on developing new production processes and products. To date, we have obtained over 12 patents and remain committed to our hard work.

<b>Opening Rate</b>	Fixed frequency change Blade / Online checking device / On time date track & trace each machine / Order.
<b>Production Track &amp; Trace</b>	Record each roll Connectors( ≤ 2pcs/roll) / Self checking & QC Checking 2pcs production sample from each Roll.
<b>Easy to open</b>	Adjusting film coefficient of friction, material composition to suit for different application.
<b>Connectors</b>	Invented own repairing tape, perfectly reconnect the bags, keep the baggers nonstop working.
<b>Perforation Line Grade</b>	Customize the perforated mould as our customers requires, according to tearing off strength choose suitable perforation line.
<b>Bag Tolerance</b>	With ISO 9001:2015 standard & MIL STD-105E sample checking.



**Automatic Packaging Machine**

## How to test the strength of perforation line

1. Use a ruler to draw the indicated dimensions in the dotted area of the Figure 1.
2. cut out the corresponding dimensions using scissors or a utility knife.
3. Repeat above work to get 3-5PCS samples and remark “front” and “back” for testing.

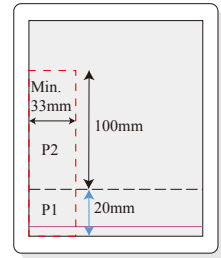


Figure 1. Cutting a sample for testing

4. take one piece of sample, fix whole P1 on the tabel by tape.
5. Use adhesive tape to secure P2 in the center for hanging the tension meter, ensuring that P2 is evenly subjected to force. refer to the instructions in Figure 2.



Figure 2. Top View of Setup

6. Zero the tension meter before testing to ensure that the instrument and sample are at the same level during the testing procedure (Figure 3).

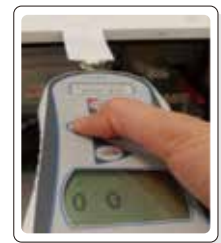


Figure 3 Ensure that the test strip and force gauge line up horizontally

7. Continuously stretch the sample until it breaks and record the relevant testing data.
8. Compare the parameters of the customer's sample with the parameters of the ADSURE's sample to determine if they are consistent.

Adjust the relevant production processes based on the test results to achieve the desired dotted line breaking strength requested by the customer.



Figure 4. Ensure Complete Separation of P1 and P2



# Security Packaging Manufacturer

## Security Packaging Solution for Multiple Applications

### Our Team



### Our Laboratory



### Our Meeting Rooms



### Our Workshop



### Our Warehouse

