



You-San Technology Product Introduction

Adhesive tape total solution supplier

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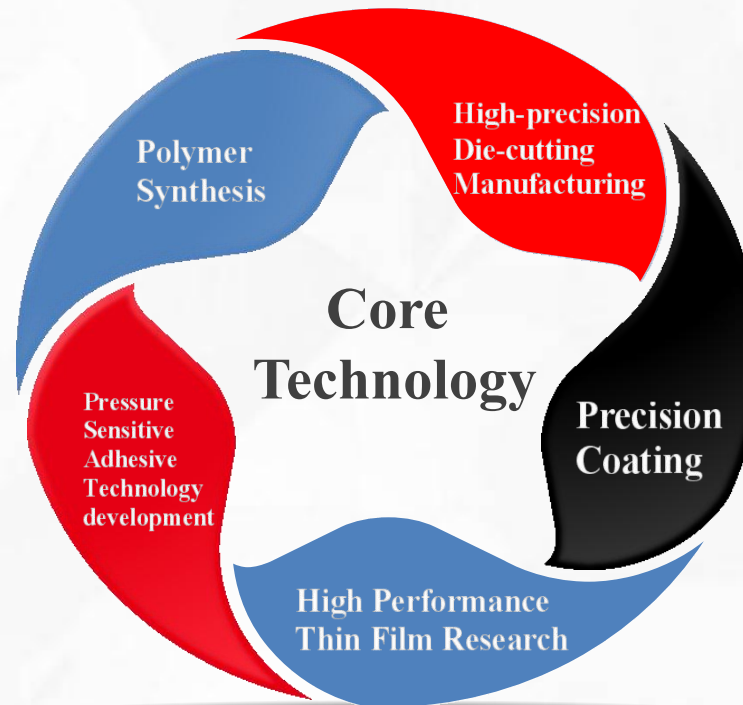
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1.1 Company Overview

Shenzhen You-San Technology Co., Ltd. is a diversified group company, including industrial tape division, film products division, and die-cutting division. You-San Technology is an innovative manufacturer integrating R&D, production, and sales. It has an adhesive and precision coating technology R&D team, covering polymer synthesis, pressure-sensitive adhesive technology development, high-performance film research, precision coating, and high-precision die-cutting manufacturing. It is a tape overall solution provider.





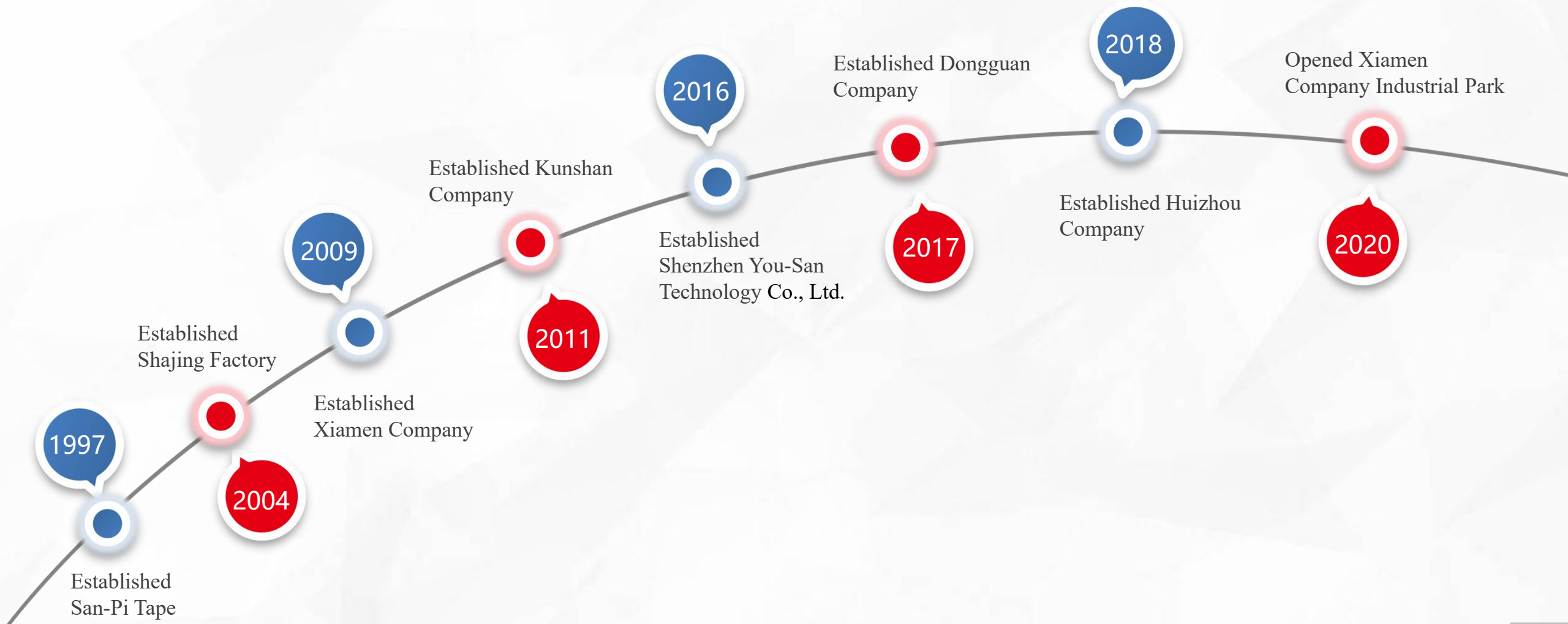
1.1 Company Overview

You-San Technology is headquartered in Shenzhen Special Economic Zone, the innovation capital of mainland China, with production bases and sales departments in Hong Kong, Dongguan, Huizhou, Kunshan, Xiamen, Yancheng and Jinhua. While solving the needs of domestic customers, we also look to the international market, participate in economic globalization and the international industrial division of labor system, and actively integrate into the global supply chain. The company always adheres to the principle of survival by quality, development by innovation, and perseverance, and takes customer first as its service tenet.





1.2 Development History

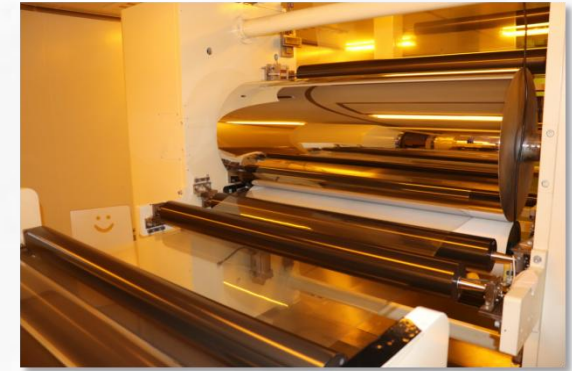




1.3 Factory Overview

Industrial Tape Division

Factory Area	Over 30,000 m ²
Number of Employees	400
Production Equipment	15 coating lines (light curing and heat curing)





1.3 Factory Overview

Film Products Division

Factory area	Over 35,000 m ²
Number of employees	130
Production equipment	4 Italian film blowing lines
	1 German cast film machine
	4 precision slitting machines
	3 precision rewinding machines
	1 point-segment rewinding machine

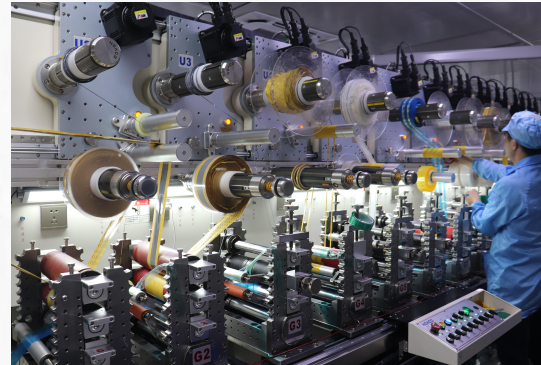




1.3 Factory Overview

Die Cutting Division

Factory area	Over 5000 m ²
Number of employees	200
Production equipment	2 circular die-cutting machines
	60 flat die-cutting machines
	15 precision slitting machines
	20 precision rewinding machines





Part one Company Introduction

1.4 Production Process

1. Glue synthesis/mixing



2. Precision coating



3. Curing



4. Precision Slitting



5. Quality Inspection

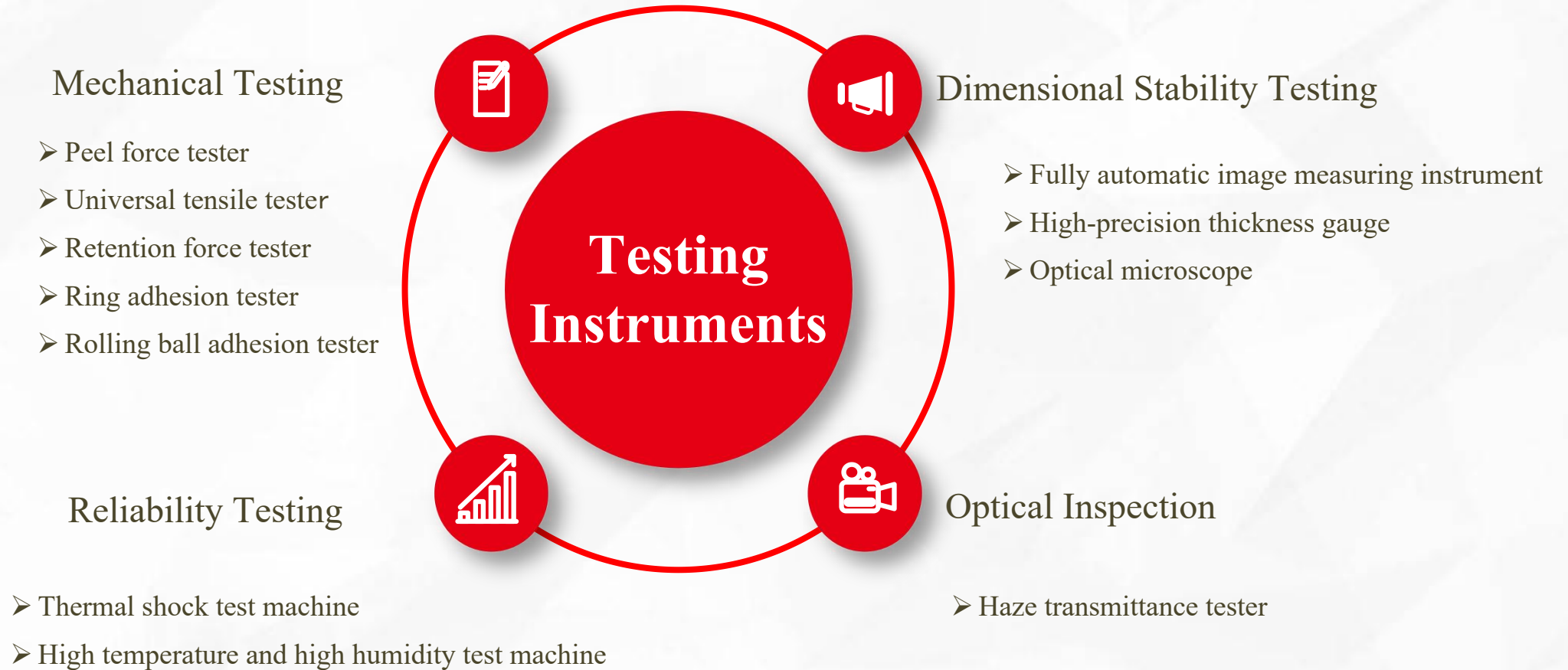


6. Packaging/Shipping





1.5 Quality Inspection Equipment





1.5 Quality Inspection Equipment



Laboratory



Peel force testing machine



Optical Microscope



Haze meter



Ring initial adhesion
test machine



Universal tensile
testing machine



High temperature
and high humidity
testing machine



Part one Company Introduction

1.6 Qualification Certificate

01



ISO9001

02



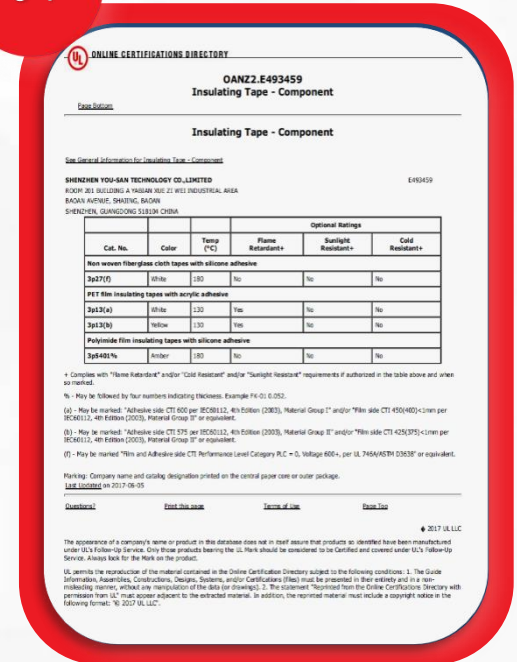
ISO14001

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IATF16949

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UL E493459



Part Two Product Introduction

2.1 Adhesive Tape Product Introduction



- Double Sided Tissue Tape
- Double Sided Transfer Tape
- Double Sided PET tape
- Double Sided PVC Tape
- Double Sided Flame Retardant Tape
- Hot Melt Adhesive Film

Double-Sided Adhesive Series

- Acrylic Foam Tape
- Acrylic Reinforced Tape
- Double Sided PE Foam Tape
- Double Sided EVA Foam Tape
- Waterproof Foam Tape
- PU Foam
- Silicone Foam
- Aerogel Foam

Foam Series

- Glass Fiber Thermal Conductive Tape
- Thermally Conductive Transfer Tape
- Thermal Conductive Silicone Pad
- Copper Foil Tape
- Nano Carbon Copper Foil Tape
- Aluminium Foil Tape
- Nano Carbon Aluminium Foil Tape
- Mylar Aluminium Foil Tape
- Conductive Cloth Tape
- Double Sided Conductive Cloth Tape

Electrical and thermal conductivity series

- Filament Tape
- MOPP Strapping Tape
- Warning Tape
- Single Sided PET Tape
- Masking Tape
- Cloth Tape
- Kraft Paper Tape
- Protective Clothing Tape
- Bopp Packing Tape
- Reflective Tape

Single-sided adhesive series

Yousan Technology Adhesive Tape Products

Insulation Series

- Mylar Tape
- Lithium Battery Tape
- Margin Tape
- Acetate Cloth Tape
- Nomex Paper Tape



High temperature series

- Aerogel Foam
- Double Sided Kapton Tape
- Teflon Tape
- High Temperature PET tape
- Glass Cloth Tape



Protective film series

- Single Side Acrylic PET Protective Film
- Double Sided Acrylic PET Protective Film
- Single Sided Silicone PET Protective Film
- Double Sided Silicone PET Protective Film
- PE Protective Film
- PE Electrostatic Film
- CPP Protective Film
- BOPP Protective Film
- PU Protective Film
- UV Tape
- Acid Resistance Film
- Release Film
- UV Resistance Special OCA Optical Adhesive
- OCA Optical Adhesive
- Privacy Film
- Mini Direct Display Surface Packaging Film
- Nano Texture PC



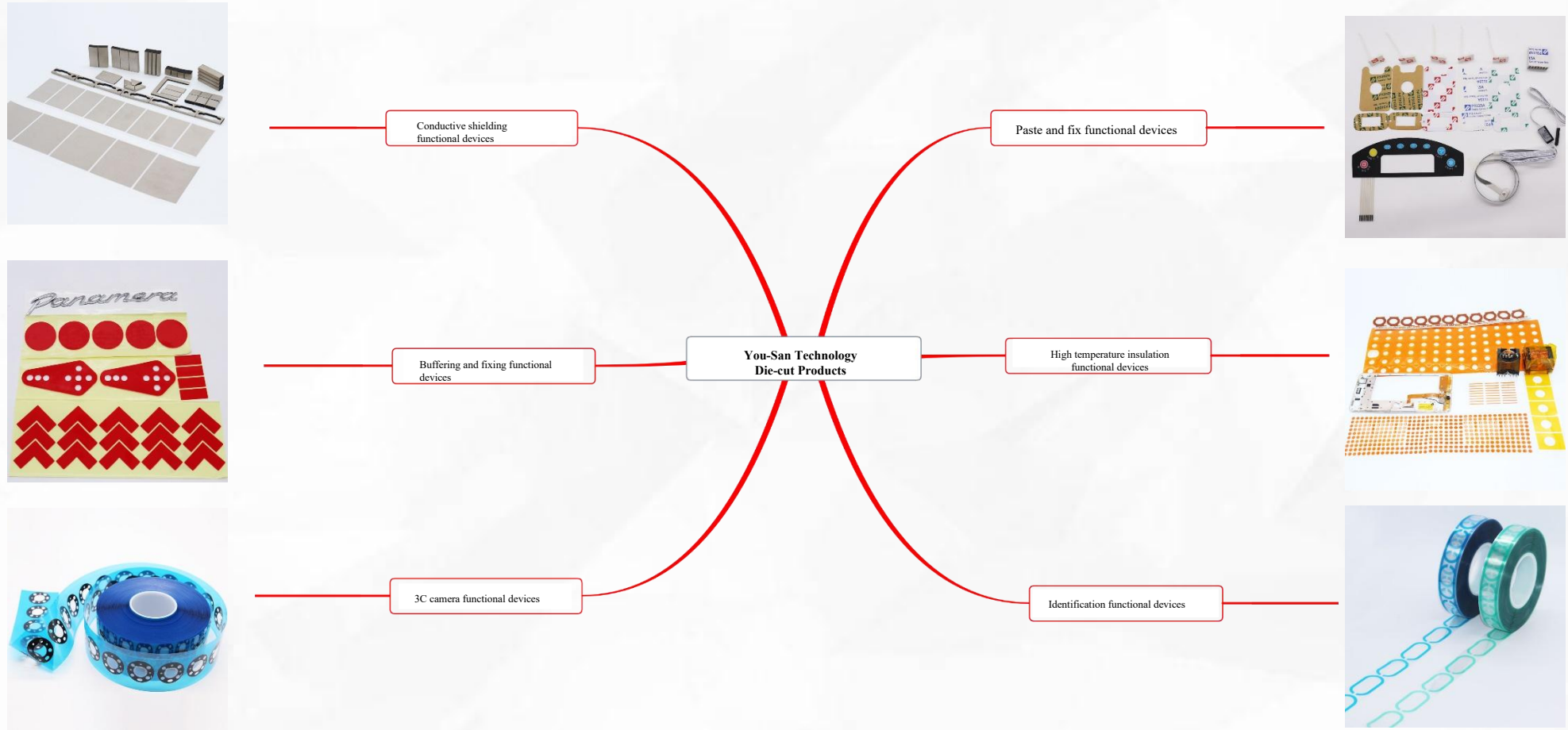
New Energy Materials Series

- Lithium Battery Diaphragm
- Aerogel Insulation Film
- Thin-Film Photovoltaics





2.2 Die-cutting Product Introduction





Part Two Product Introduction

2.3 Key Recommended Products--Double Sided Tape Series Introduction

You-San Technology High Performance Double-Sided Tape Overview

Product type	Product model	Thickness/ μm	Substrate	Glue	Color	Release paper
Double Sided Tissue Tape	P3115A	150	Tissue	Acrylate	Translucent	Blue Text on White Paper
	P3115A+	150	Tissue	Acrylate	Translucent	Green Release Paper
	P3112A	120	Tissue	Acrylate	Transparent	Red Release Paper
Double Sided Transfer Tape	P3306N	60	No Substrate	Acrylate	Transparent	Brown Kraft Paper
	P3313N	130	No Substrate	Acrylate	Transparent	Brown Kraft Paper
Double Sided PET tape	P3205A	50	PET	Acrylate	Transparent	Brown Glassine Paper
	P3205A+	50	PET	Acrylate	Transparent	Brown Glassine Paper
	P3210A	100	PET	Acrylate	Transparent	Brown Glassine Paper
	P3210A+	100	PET	Acrylate	Transparent	Brown Glassine Paper
	P3210AA	100	PET	Acrylate	Transparent	Brown Glassine Paper
Special Double Sided Tape for Low Surface Energy	P3217A	170	PET	Acrylate	Transparent	Blank Release Paper
	P3215A	150	PET	Acrylate	Transparent	Blank Release Paper



2.4 Key Recommended Products--Double Sided Tissue Tape



Product Model	Thickness/ μm
P3115A	150
P3115A+	150
P3112A	120



Acrylic glue
Cotton paper
Acrylic glue
Release paper

Product Structure Diagram

Product Features

- ◆ Good adhesion and temperature resistance
- ◆ Good adhesion to various materials

Product Application

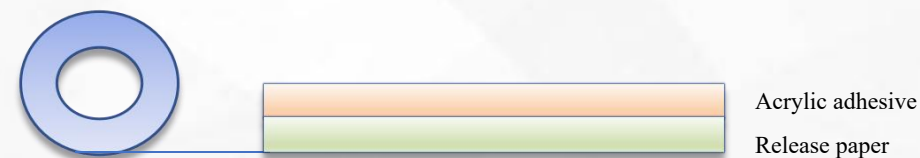
- Paper, leather, cloth, PET, PC, PS, EVA, sponge, PE, PU, PORON, CR, rubber, silicone rubber, plexiglass, glass, magnet, insulating paper, composite materials, etc.



2.5 Key Recommended Products--Double Sided Transfer Tape



Product Model	Thickness/ μm
P3306N	60
P3313N	130



Product Structure Diagram

Product Features

- ◆ Strong resistance to static and dynamic stress, can withstand certain vibration and impact
- ◆ Superior aging and temperature resistance
- ◆ Good die-cutting performance

Product Application

- Pasting of panels, electrical parts, and shockproof foam
- Pasting of membrane switches
- Pasting of metal plates, plastic plates, and paper boxes
- Pasting of metal nameplates



2.6 Key Recommended Products--Double Sided PET Tape (special for low surface energy)



Product Model	Thickness/ μm
P3217A	170
P3215A	150



Acrylic glue
PET
Acrylic glue
Release paper

Product Structure Diagram

Product Features

- ◆ Good adhesion to non-polar materials
- ◆ Good die-cutting performance and temperature resistance

Product Application

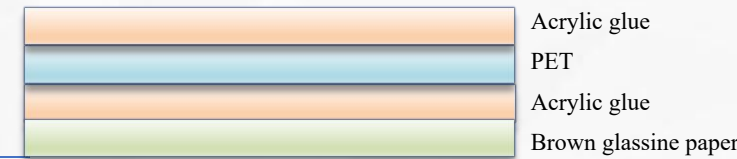
- Suitable for bonding non-polar materials
(eg. PP, PE, TPO and other polyolefin materials)



2.7 Key Recommended Products--Double Sided PET Tape



Product Model	Thickness/ μm
P3205A	50
P3205A+	50
P3210A	100
P3210A+	100
P3210AA	100



Product Structure Diagram

Product Features

- ◆ Strong adhesion and holding power
- ◆ Good die-cutting performance and temperature resistance

Product Application

- Product Application
- Fixing between mobile phones, digital devices, etc.
- Fixing backlight film assembly and bottom frame
- Pasting decorative parts and metal sheets in the furniture industry
- Good pasting effect on different plastic films, hardware/painted boards



Part Three Double Sided Tape Performance Comparison

3.1 Double Sided Tissue Tape

Test items	Unit	X448A	P3115A	X080A	P3115A+	X5236	P3112A
Thickness	μ m	150	150	150	150	120	120
Initial Adhesion (rolling ball)	#	16	20	20	22	20	20
Static Holding Force (23℃)	min	10000+	10000+	10000+	10000+	4706	10000+
Static Holding Force (80℃)	min	16	34	519	3060	9	28
Anti-rebound Performance (nameplate)	mm	30	5	10	15	21	6
Peel Strength (SUS)	N/cm	9.7	10.7	8.4	8.5	9	10.2
Peel Strength (PC)	N/cm	10.2	10.3	9.3	9.3	10.2	9.8
Peel Strength (ABS)	N/cm	8	8.2	7.5	7.7	8.7	8.3
Peel Strength (AL)	N/cm	8.4	7	7.9	7	8.5	7.7



3.2 Double Sided Transfer Tape

Test items	Unit	X67MP	P3306N	X68MP	P3313N
Thickness	μm	58	60	130	130
Initial Adhesion	N/inch	5.3	9.7	8.6	10.94
Static Holding Force (23℃)	min	>10000	>10000	>10000	>10000
Static Holding Force (80℃)	min	>10000	>10000	>10000	>10000
Static Holding Force (177℃)	min	>10000	>10000	>10000	>10000
Dynamic shear	Mpa	2.54	3.82	1.86	4
Tensile strength	Mpa	0.55	0.63	0.49	0.62
Anti-rebound Performance (nameplate)	mm	32	30	36	32
PET Anti-rebound	h	>72	>72	>72	>72
SAFT (1kg)	℃	205	205	159	205
Peel Strength (SUS)	N/cm	9.5	9.7	11.2	11.0
Peel Strength (PC)	N/cm	8.5	8.9	9.9	9.6
Peel Strength (ABS)	N/cm	6.1	7.0	7.9	7.3
Peel Strength (AL)	N/cm	7.5	6.8	8.4	7.8



Part Three Double Sided Tape Performance Comparison

3.3 Special Double Sided Tape for Low Surface Energy

Test items	Unit	X495LE	P3217A	X3015LE	P3215A
Initial Adhesion	#	30	>32	25	>32
Static Holding Force (80°C)	min	6432	5767	6490	6299
Dynamic Shear	MPA	1.09	1.45	1.02	1.58
SAFT	°C	136	133	134	142
Push-out Force	N	84	83	80	79
Peel Strength (SUS-B)	N/cm	6.9	7.1	7.3	7.7
Peel Strength (PP)	N/cm	7.5	7.5	8.1	7.7
Peel Strength (PE)	N/cm	4.8	4.5	5.5	5.4
Peel Strength (AI)	N/cm	5.3	6.8	5.9	7.3
Peel Strength (Glass)	N/cm	6.2	7.4	7.0	7.8
Peel Strength (PC)	N/cm	7.7	7.7	7.8	8.1
Peel Strength (ABS)	N/cm	6.4	7.0	7.7	8.2



Part Three Double Sided Tape Performance Comparison

3.4 Double Sided PET Tape

Test items	Unit	X972	P3205A	X982	P3210A	X1305	P3205A+	X1360	P3210A+	P3210AA	X8537
Initial Adhesion (rolling ball)	#	4	2	9	7	2	2	<2	<2	33	45
Static Holding Force (80°C)	min	10000+	10000+	649	608	240	20	2400	1503	10000+	10000+
Dynamic Shear	Mpa	0.21	0.5	2.45	2.33	1.19	1.54	2.7	2.37	2	2.2
Push-out Force	N	155	182.0	201	166	178	201	203	197	140	132
Tape Shear Failure Temperature (1kg)	°C	200	190.0	136	125	137	88	111	123	123	132
Peel Strength Test (SUS)	N/cm	5.7	6.4	8.2	8.2	7.5	8.9	11.2	12.2	8.4	7.8
Peel Strength Test (PC)	N/cm	7.1	7.9	10.9	7.8	9.9	9.1	13.3	13.4	9.2	9.2
Peel Strength Test (ABS)	N/cm	5.6	7.9	8.3	9	8.2	9.2	11.1	13	8.3	7.7
Peel Strength Test (AL)	N/cm	4.9	5.5	8.1	9.5	8.2	7.5	10.9	12.4	6.9	7.7



Part Three Double Sided Tape Performance Comparison

➤ Double Sided Tissue Tape

Compared with X448A of M Company, P3115A has better anti-rebound performance, and other performances are similar.

Compared with X080A of M Company, P3115A+ has better 80°C static holding force, and other performances are similar.

Compared with X5236 of M Company, P3112A has better performance in all aspects.

➤ Double Sided Transfer Tape

Compared with X67MP of M Company, P3306N has better initial adhesion and dynamic shear, and other properties are similar.

Compared with X68MP of M Company, P3313N has better initial adhesion, dynamic shear and SAFT, and other properties are similar.

➤ Low Surface Energy Double Sided Tape

Compared with X495LE of M Company, P3217A has better dynamic shear performance, and other performances are similar.

Compared with X3015LE of M Company, P3215A has better dynamic shear performance, and other performances are similar.

➤ Double Sided PET Tape

Compared with X972 of T Company, P3205A has better peel strength (ABS) and dynamic shear performance, and other performances are similar.

Compared with X982 of T Company, P3210A has better peel strength (AL) performance, slightly lower peel strength (PC), and other performances are similar.

Compared with X1305 of T Company, P3205A+ has better dynamic shear performance, poorer static holding force (80°C), and other performances are similar.

Compared with T company's X1360, P3210A+ has better peel strength (Al) performance, slightly lower static holding force (80°C) and dynamic shear, and other performances are similar.

Compared with T company's X8537, P3210AA has similar performances.



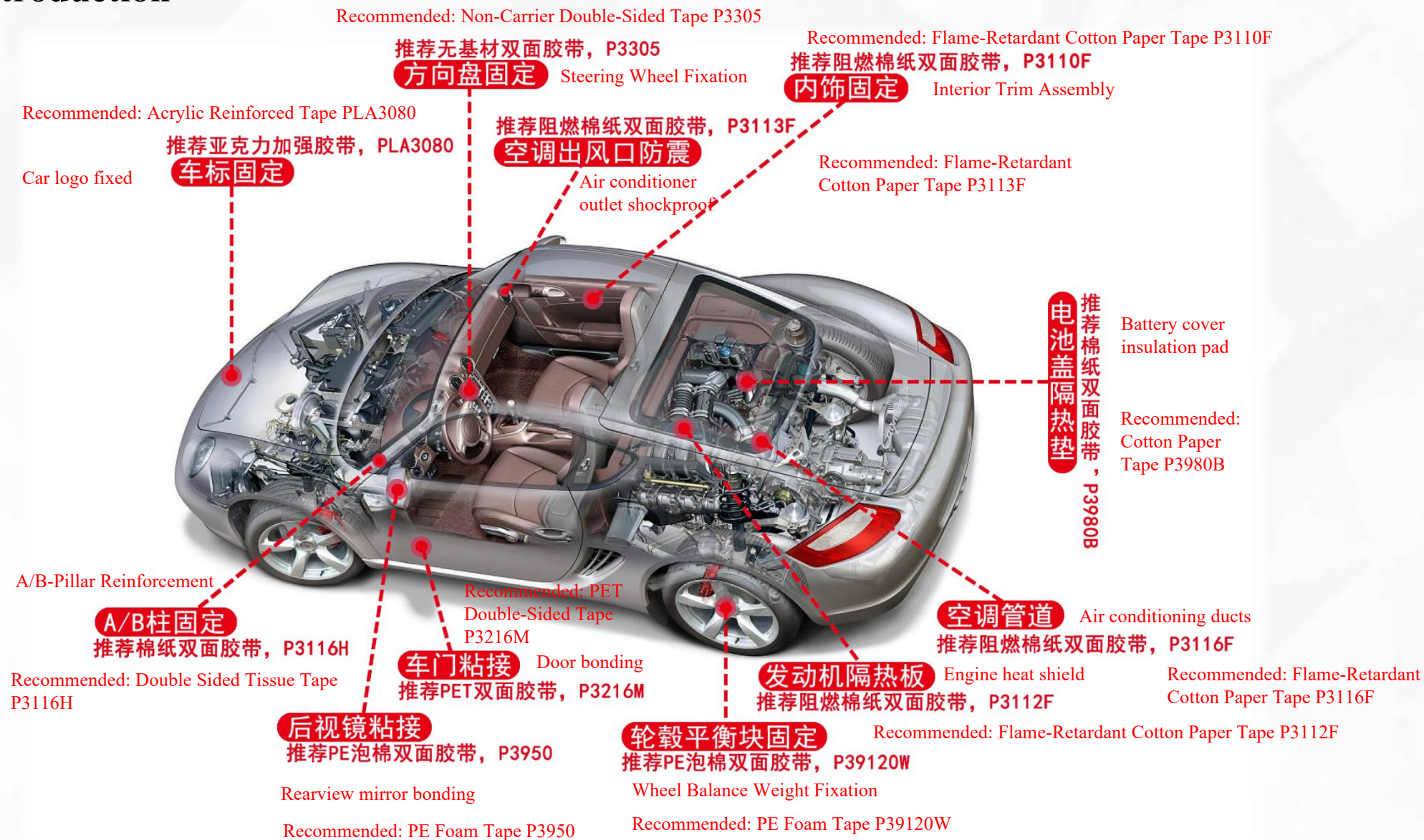
Part Four Single Sided Tape Performance Comparison

Product Type	Manufacturer	Product Model	Total Thickness	Base Material	Adhesive System	Peel Strength	Tensile Strength	elongation at Break	Breakdown Voltage	Insulation Resistance
Warning Tape	M	X71	0.1mm	PC	Rubber	25N/10cm	280N/100mm	130.0%	-	-
	You-San	P2113	0.1mm	PC	Rubber	18N/10cm	262N/100mm	200.0%	-	-
	M	X66	0.125mm	PC	Rubber	21N/10cm	228N/100mm	180.0%	-	-
	You-San	P2116D	0.16mm	PC	Rubber	16N/10cm	340N/100mm	200.0%	-	-
Fiber Tape	M	X934	0.102mm	PP	Rubber	5.3N/cm	175.1N/cm	3.0%	-	-
	You-San	P1212	0.114mm	PET	Rubber	5.0N/cm	250N/cm	4.0%	-	-
	M	X915	0.15mm	PP	Rubber	7.1N/cm	298N/cm	3.0%	-	-
	You-San	P1216	0.155mm	PP	Rubber	5.0N/cm	300N/cm	4.5%	-	-
	M	X98	0.17mm	PP	Rubber	7.7N/cm	665N/cm	5.0%	-	-
	You-San	P1218	0.17Mm	PET	Rubber	4.2N/cm	530N/cm	4.8%	-	-
Masking Tape	M	X44	0.08mm	Japanese Paper	Acrylate	1.06N/cm	28.6N/cm	5.0%	-	-
	You-San	P1710	0.1mm	Japanese Paper	Acrylate	2N/cm	32N/cm	5.0%	-	-
	M	X214	0.135mm	Masking paper	Rubber	26N/100mm	350N/100mm	10.0%	-	-
	You-San	P1715	0.15mm	Masking paper	Rubber	20N/100mm	320N/100mm	10.0%	-	-
	M	X307	0.14mm	Masking paper	Rubber	34N/100mm	350N/100mm	9.0%	-	-
	You-San	P1714	0.14mm	Masking paper	Silicone	26N/100mm	260N/100mm	10.0%	-	-
Glass Cloth Tape	M	X9	0.177mm	Glass Cloth	Silicone	4.4N/cm	3140N/100mm	5.0%	3000V	4.8x 10 ⁴ Ω
	You-San	P0818	0.18mm	Glass Cloth	Silicone	2.4N/cm	1200N/100mm	5.7%	3000V	1×10 ¹² Ω
High Temperature PET Tape	M	X51J	0.09mm	PET	Silicone	2.8N/cm	39.8N/cm	250.0%	-	-
	You-San	P03095	0.095mm	PET	Silicone	3.2N/cm	40N/cm	120.0%	-	-
Teflon Tape	N	X73UL-S	0.1Mm	Fiberglass Cloth+PTFE	Silicone	6.8N/19mm	240N/19mm	-	-	-
	You-San	P0213	0.1Mm	Fiberglass Cloth+PTFE	Silicone	6.8N/19mm	150N/19mm	2.5%	2.5KV	-
	N	X03UL0.13t	0.1Mm	PTFE	Silicone	7.1N/19mm	93N/19mm	220.0%	11KV	-
	You-San	P0213P	0.12mm	PTFE	Silicone	3.8N/19mm	38N/19mm	220.0%	15KV	-
Fixed Tape	T	X4283	0.077mm	MOPP	Rubber	4N/cm	180N/cm	35.0%	-	-
	You-San	P4807L	0.075mm	MOPP	Rubber	2.8N/cm	136N/cm	20.0%	-	-
	T	X4284	0.11mm	MOPP	Rubber	4N/cm	300N/cm	35.0%	-	-
	You-San	P4810L	0.1mm	MOPP	Rubber	3.2N/cm	200N/cm	18.0%	-	-
	T	X298	0.116mm	MOPP	Rubber	6.7N/cm	285N/cm	32.5%	-	-
	You-San	P4810H	0.1mm	MOPP	Rubber	5.5N/cm	190N/cm	17.0%	-	-
	T	X4294（低温）	0.107mm	MOPP	Rubber	2.6N/cm	240N/cm	30.0%	-	-
	You-San	P4810C(低温)	0.1mm	MOPP	Rubber	3.2N/cm	240N/cm	20.0%	-	-
Copper Foil Tape	M	X181	0.066mm	Copper Foil	Acrylic (conductive)	3.8N/cm	-	-	-	0.005Ω
	You-San	P0707D	0.07mm	Copper Foil	Acrylic (conductive)	4.8N/cm	-	-	-	≤0.1Ω
Aluminium Foil Tape	M	X170	0.076mm	Aluminium Foil	Acrylic (conductive)	2.7N/cm	-	-	-	≤0.01Ω
	You-San	P0609D	0.09mm	Aluminium Foil	Acrylic (conductive)	4.8N/cm	-	-	-	≤0.1Ω



Part Five Solution Introduction

5.1 Solution Introduction





Part Five Solution Introduction

5.1 Automotive Industry Solutions

Parts	Application	Product Type	Product Model	Base Material	Color	Adhesive System	Thickness	Flame Retardancy	Features Introduction
Automobile Exterior	Car logo	Acrylic reinforced tape	PLA3080	Acrylic foam	black	Acrylate	800μm	-	High adhesion, high retention
	Rearview mirror	PE foam double-sided tape	P3950	PE foam	black	Acrylate	500μm	-	Good initial adhesion, good heat resistance, good cushioning
	Car door	Transparent PET double-sided tape	P3216M	PET	transparent	Acrylate	160μm	-	High tensile strength, good chemical resistance
	Wheel balance weight	PE foam double-sided tape	P39120W	PE foam	transparent	Acrylate	1120μm	-	Good cushioning and shock resistance, good adhesion to metal surfaces
	A/B pillar	High-strength cotton paper double-sided tape	P3116H	High dialysis cotton paper	translucent	Acrylate	160μm	-	High adhesion, stable adhesion
Automobile Interior	Interior fixing	Flame-retardant cotton paper double-sided tape	P3110F	Cotton paper	translucent	Acrylate	100μm	FMVSS 302	Low VOC, good flame retardancy
	Air conditioning vent shockproof	Flame-retardant cotton paper double-sided tape	P3113F	Cotton paper	translucent	Acrylate	130μm	FMVSS 302	Flame retardancy, good weather resistance
	Steering wheel fixing	Substrate-free double-sided tape	P3305	-	translucent	Acrylate	50μm	-	High adhesion, excellent adhesion
	Screen protector	PU protective film	P4206	PET	translucent	Urethane	60μm	-	High permeability, good exhaust
Engine	Air conditioning duct	Flame-retardant cotton paper double-sided tape	P3116F	Cotton paper	translucent	Acrylate	160μm	FMVSS 302	Flame retardancy, high adhesion, stable adhesion
	Engine heat shield	Flame-retardant cotton paper double-sided tape	P3112F	Cotton paper	translucent	Acrylate	120μm	FMVSS 302	Flame retardancy, excellent weather resistance, stable adhesion
	Battery cover isolation pad	PE foam double-sided tape	P3980B	PE foam	black	Acrylate	800μm	-	Good cushioning, strong adhesion

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5.2 3C Digital Industry Solutions

Application	Product Type	Product Model	ase Material	Thickness	Features Introduction
Screen Optical glue	OCA Optical Adhesive	P-6050	-	50μm	Excellent optical properties / acid-free, good compatibility with functional sheet materials (ITO, AgNW, etc.), excellent reliability, good step absorption performance
Screen Optical glue	OCA Optical Adhesive	P-6175	-	175μm	Excellent optical properties / acid-free, good compatibility with functional sheet materials (ITO, AgNW, etc.), excellent reliability, good step absorption performance
Screen Back Buffer	Waterproof Foam Adhesive	P5315B	PE Foam	150μm	Good cushioning, high bonding strength
Screen Back Buffer	PU Foam	P5220	PUFoam	200μm	Good cushioning
Screen Protection	Pry-proof Film	P94360AB	PET	360μm	MicroLouver has excellent performance (privacy protection); excellent anti-peeping performance (viewing angle 28~35°); high transmittance performance (Transmittance 60~70%); can be customized with different surface treatments (AG, HC)
Motherboard Heat Dissipation	Graphite Sheet	P26050	Graphite	50μm	High-performance thermal conductive film, high temperature resistance, low resistance
Speaker Mesh Fixing	Cotton Paper Double-sided Tape	P3114H	Cotton Paper	140μm	Strong adhesion and stickiness
Graphite Sheet Fixing	PET Double-sided Tape	P3203G	PET	30μm	Ultra-thin thickness, good adhesion
Motherboard Shield Heat Dissipation	Graphene Copper Foil Tape	P1505	Graphene Copper Foil	50μm	Good thermal conductivity, light-shielding, temperature resistance and shielding performance
Motherboard Shield Heat Dissipation	Double-conductor Copper Foil tape	P0705D	Copper Foil	50μm	Good conductivity and shielding performance
Camera Buffer Fixing	Waterproof Foam Adhesive	P5320B	PE Foam	200μm	Waterproof, excellent bonding strength
Nameplate Fixing	PET Double-sided Tape	P3205G	PET	50μm	Stable adhesion, reliable bonding
Battery Fixing	PET Double-sided Tape	P3220G	PET	205μm	Excellent initial adhesion and high adhesion
FPC Fixing	Double-sided Transfer Tape	P3305	-	50μm	Good initial adhesion, suitable for PI surface bonding
Frame Protection	PET Double-sided Tape	P3205G	PET	50μm	Stable adhesion, good bonding effect
Earpiece Waterproof Fixing	Waterproof Foam Adhesive	P5315GY	PE Foam	150μm	Waterproof, high humidity resistance



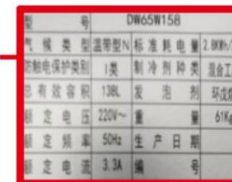
Part Five Solution Introduction

5.3 Home Appliance Industry Solutions



显示屏粘接开关固定
推荐棉纸双面胶带, P3114H

Display switch fixation
Recommended material:
cotton paper double-sided
tape P3114H



铭牌粘接
推荐棉纸双面胶带, P3108G

Nameplate bonding
Recommended material:
cotton paper double-track
tape P3108G



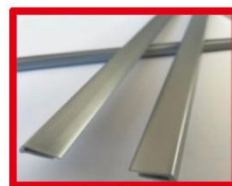
蒸发器粘接
推荐棉纸双面胶带, P3112A

Evaporator bonding
Recommended material:
cotton paper double-sided
tape P3112A



活动部件固定
推荐MOPP胶带, P4807L

Moving parts fixing
Recommended material:
WOPPP tape P4807L



装饰条粘接
推荐棉纸双面胶带, P3115A

Decorative strip bonding
Recommended material:
Pinfan double-sided
adhesive curtain P3115A



真空隔热板的固定
推荐PE泡棉双面胶带, P3950

Vacuum insulation board fixing
Recommended material: PE
foam double-sided tape
P3950



5.3 Home Appliance Industry Solutions

Application	Product Type	Product Model	Substrate	Thickness	Features Introduction
Display Bonding	Double Sided Tissue Tape	P3114H	Cotton Paper	140μm	Easy to die-cut, Flexible substrate
Evaporator bonding	Double Sided Tissue Tape	P3112A	Cotton Paper	120μm	High temperature resistance, Good adhesion
Decorative Strip Bonding	Double Sided Tissue Tape	P3115A	Cotton Paper	150μm	High bonding strength on plastic surface
Vacuum Insulation Panel Fixing	Double Sided PE Foam	P3950	PE Foam	600μm	High temperature and humidity resistance
Moving Parts Fixing	MOPP Tape	P4807L	MOPP	75μm	Regular adhesion, Low elongation, No residual adhesive after removal
Nameplate Bonding	Double Sided Tissue Tape	P3108G	Cotton Paper	80μm	High initial adhesion



The diagram illustrates the assembly of a battery pack with the following components and materials:

- Battery pack cover**: Recommended silicone foam, P57100
- Battery pack sealing**: Recommend waterproof foam glue P5315B
- Battery appearance protection**: Derived BOPP protective film P4505A6
- Cell termination**: Recommended termination tape P223030
- Frame buffer**: Recommended PU foam P5240
- Nameplate attachment**: Recommended double-sided tissue tape
- PACK insulation**: Recommended P40K high temperature tape P0106
- Component bonding**: Recommended flame retardant cotton paper double-sided tape P3113F
- Battery bundling**: Recommended fiberboard tape P1212
- 推荐防水泡棉胶, P5315B**: 电池包密封
- 推荐硅胶泡棉, P57100**: 电池包上盖
- 推荐终止胶带, P22030**: 电芯终止
- 推荐BOPP保护膜, P4505A6**: 电芯外观保护
- 推荐PU泡棉, P5240**: 框体缓冲
- 推荐棉纸双面胶带, P3108G**: 铭牌粘接
- 推荐阻燃棉纸双面胶, P3113F**: 零部件粘贴
- 推荐纤维胶带, P1212**: 电池捆绑
- 推荐极耳胶带, P0106A**: 电池极耳
- 推荐PACK高温胶带, P0106**: PACK绝缘



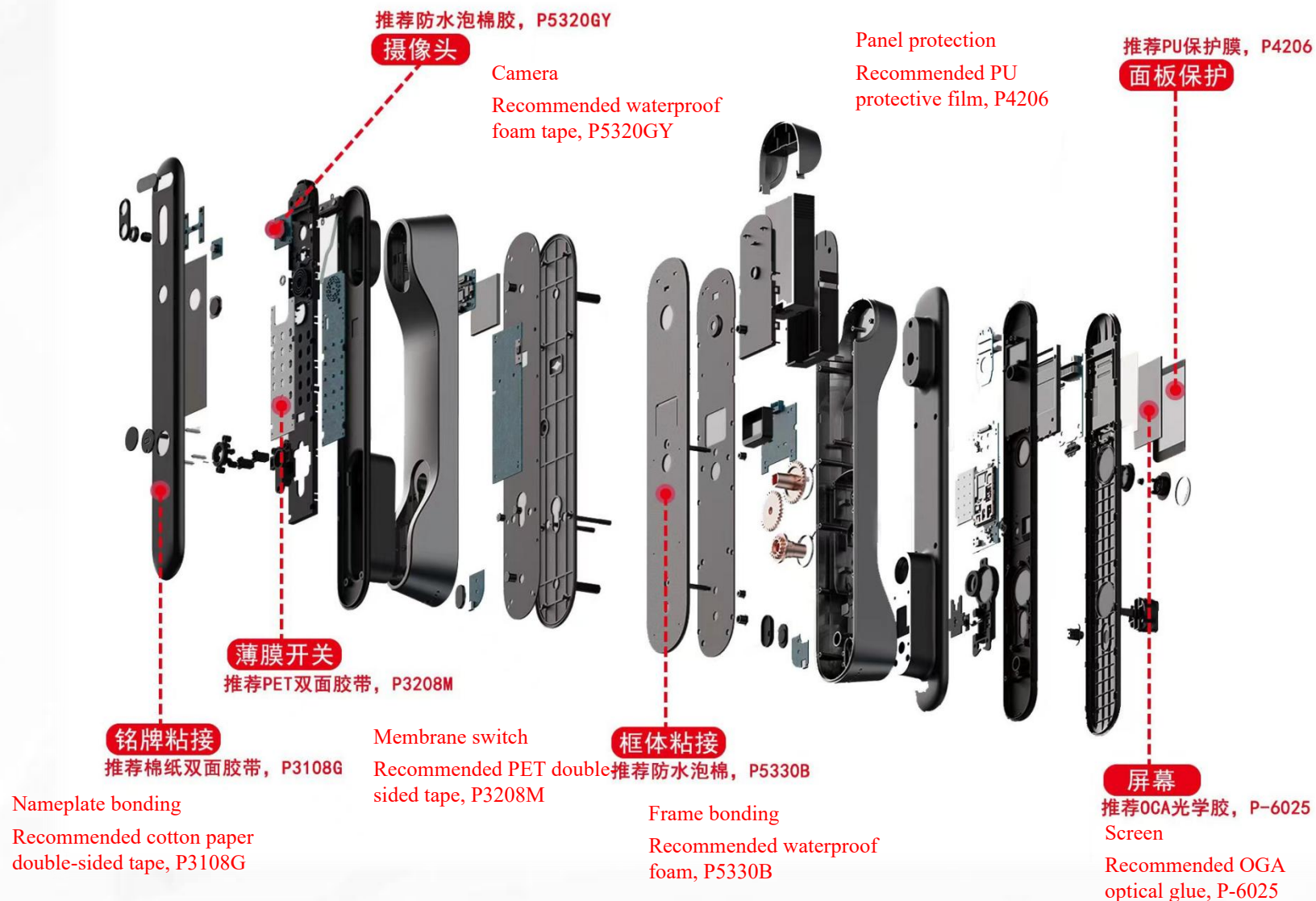
5.4 New Energy Battery Industry Solutions

Applications	Product Type	Product Model	Base Material	Thickness	Features Introduction
Nameplate Bonding	Cotton paper double-sided tape	P3108G	Cotton Paper	80μm	High initial viscosity
Frame Buffering	PU foam	P5240	PU Foam	0.4mm	Good cushioning and sealing
Battery Pack cover	Silicone foam	P57100	Silicone Foam	1mm	High temperature resistance, fire resistance, cushioning and shock absorption, sound insulation
Battery Pack sealing	Waterproof foam adhesive	P5315B	PE Foam	150μm	Waterproof, strong viscosity, good earthquake resistance
Cell Termination	Termination tape	P22030	PET	30μm	Excellent electrolyte resistance, high electrical insulation, good adhesion
Cell Tabs	Ear tape	P0106A	PI	60μm	Good puncture resistance, electrolyte resistance
Cell appearance Protection	BOPP protective film	P4505A6	BOPP	50μm	Small change over time, no residual glue
Battery Bundling	Fiber tape	P1212	PET Composite Fiber	0.12mm	Reinforced fiber, good tensile strength, good wear resistance, good adhesion, no residual glue
Component Pasting	Flame-retardant cotton paper double-sided tape	P3113F	Cotton Paper	130μm	Flame retardant (MS300-8), good bonding effect
PACK Insulation	PACK high-temperature tape	P0106	PI	60μm	High insulation, voltage resistance, high temperature resistance
PACK Insulation	Mara tape	P16055	PET	55μm	Good insulation performance, good flame retardant effect, solvent resistance
Fireproof Cover	Aerogel insulation film	P8720	Aerogel Film	200μm	Excellent thermal insulation
Lithium Battery Diaphragm	Separator	P92022	PP	22μm	High strength, good thickness & air permeability consistency, high puncture strength, high battery safety, thin dry film, taking into account energy density and cost advantages
Cell Group Insulation	Nomi paper tape	P9809	Aramid Paper	90μm	Flame retardant, fire resistance, high pressure resistance
Cell Injection Edge Sealing	Masking tape	P1710	Japanese Paper	100μm	Good edge sealing effect, high temperature resistance, good compliance
Solar Module Encapsulation	EVA photovoltaic film	P9300E	EVA	390~560g	Effectively prevent PID of components Risk, excellent weather resistance, excellent adhesion performance retention after aging
Solar Module Encapsulation	EPE photovoltaic film	P9300EP	EVA+POE+EVA	390~560g	Long-lasting bifacial cell anti-PID, excellent adhesion performance, light transmission performance and long-term weather resistance
Solar Module Encapsulation	POE photovoltaic film	P9300P	POE	390~560g	Low water vapor transmission rate, excellent anti-PID performance, high insulation, fast cross-linking speed, high adhesion with glass, metal, polymer backplane and other materials, and can maintain long-term adhesion, excellent UV resistance and high temperature and humidity resistance



Part Five Solution Introduction

5.5 Smart Home Industry Solutions





5.5 Smart Home Industry Solutions

Applications	Product Type	Product Model	Base Material	Thickness	Features Introducton
Nameplate Bonding	Cotton paper double-sided tape	P3108G	Tissue paper	80μm	High initial tack
Membrane Switch	PET double-sided tape	P3208M	PET	80μm	Strong adhesion and holding force
Camera	Waterproof foam adhesive	P5320GY	PE foam	0.2mm	Waterproof, strong adhesion, excellent compression ratio
Frame Bonding	Waterproof foam adhesive	P5330B	PE foam	0.3mm	Waterproof, good air exhaust performance, good impact absorption
Screen	OCA optical adhesive	P-6025	-	25μm	Effectively reduce glare, increase brightness, and improve light transmittance
Panel Protection	PU protective film	P4206	PET	60μm	Low adhesion, easy to apply, small change in adhesion over time
Speaker Module	Waterproof foam adhesive	P5315B	PE foam	0.15mm	Waterproof, good air exhaust performance, good impact absorption
Cover Handle	PE foam double-sided adhesive	P3910	PE foam	0.1mm	Good impact absorption



Looking forward to our future cooperation!

Adhesive Ttape Total Solution Supplier