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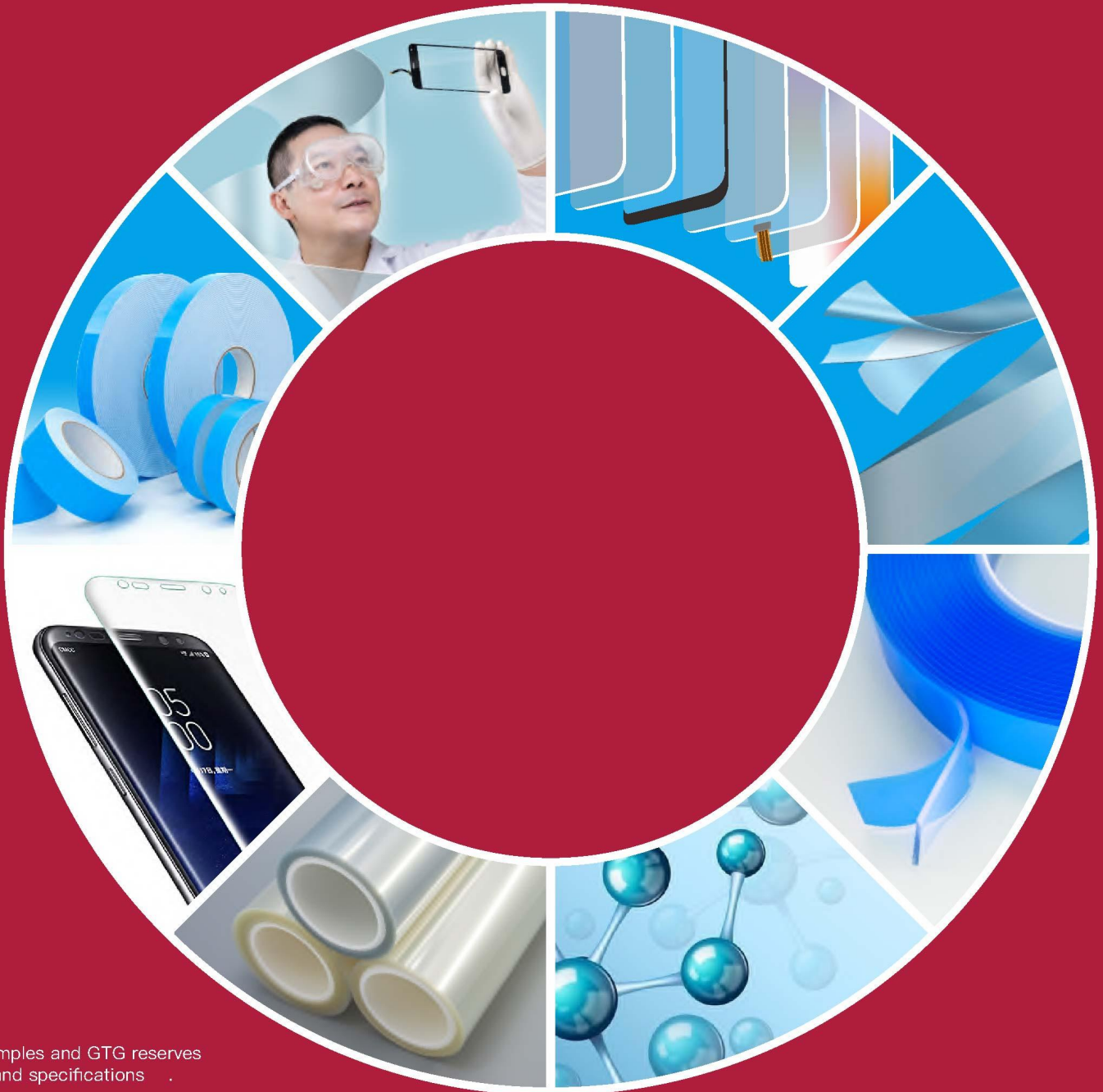
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Top mobile phone brands at home and abroad Bonding Solution Partners





ST series full-fit OCA

Bringing unparalleled visual experience to users with every innovation.

With the development of smart phones and tablet computers, more and more electronics manufacturers have fully rolled out “full-fit screens” and adopt full-fit technology screens, which helps to improve color contrast and make the screen display more colorful. The newly developed ST1028 series of full-fit OCA optical Adhesive tape can effectively fill the air layer between the screen components in the lamination process. This not only makes the gray layer and water vapor inaccessible, but it also helps reduce reflections between the display panel and the glass, allowing the screen to look better and transparent, resulting in a stunning visual experience.

In addition, GTG also developed anti-UV, Blu-ray OCA series products, which can provide screen manufacturers with “healthy screen” complete solutions. In the future, GTG will continue to make breakthroughs in thinning, and increase the absorption capacity of gaps while strengthening adhesion. GTG is making preparations for the 3D curved screen market and the flexible screen market.



Good filling performance



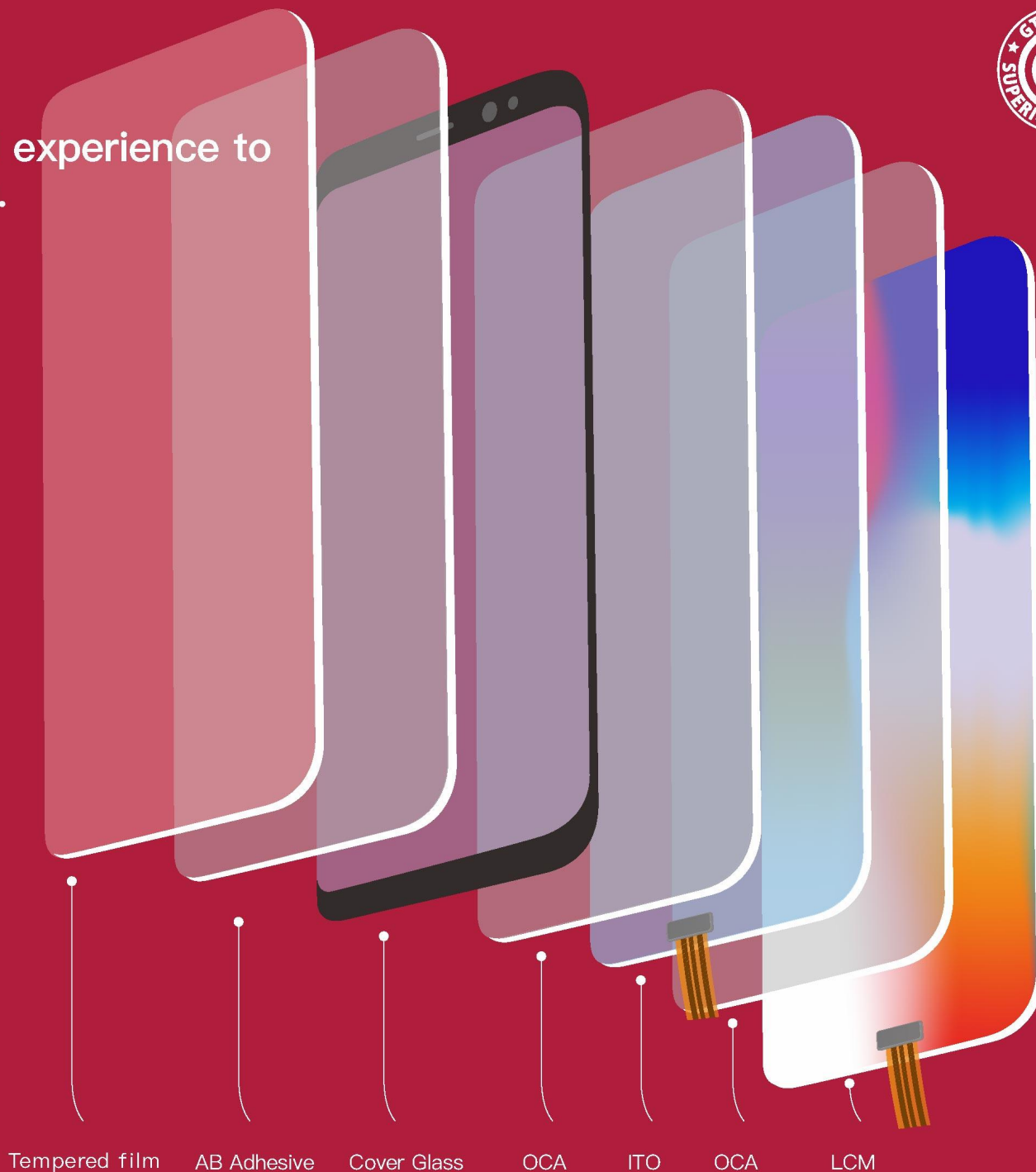
Enhanced contrast



No bubble bounce



Easy to rework



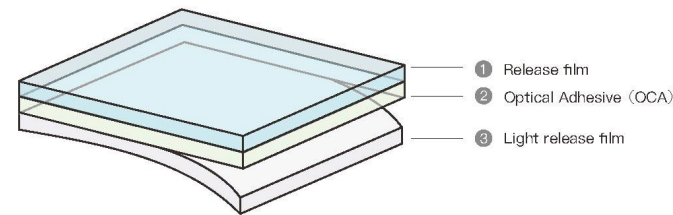
Full-fit OCA Optical Adhesive

GTG's newly developed ST1028 series of Full-fit OCA Optical Adhesive has excellent adhesion and filling performance, no yellowing, no bubble bounce, and can enhance the screen contrast, especially in the light under the contrast, which brings stunning visual experience. In the rework performance test, it also has excellent tensile properties, a 5.5-inch assembly, 7-10 seconds for thermal segmentation, and the entire OCA sheet remaining on the CG and LCM after the segmentation can be stretched once. It will not damage polarizers and very efficient, which greatly reducing the labor costs of production.

Characteristics

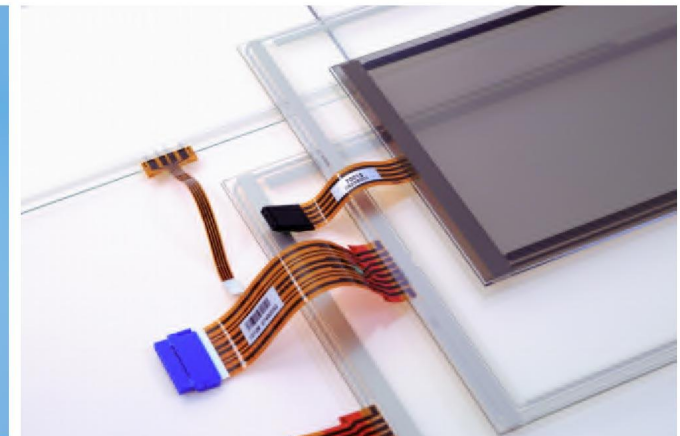
- Excellent adhesion and filling properties
- Good defoaming effect, no bubble bounce
- Easy to rework, no damage to polarizers, easy removal of glass cover residue
- Acid-free UV colloid, good stability, no yellowing
- UV-resistant, increased contrast, especially under bright light

Structure



Application

- Can be used for mobile phone, tablet, AIO, NB's display products's fit
- Can be used for TP and LCD display fit



Performance

Model	Thickness [um]	Peeling force [g/inch]	Flexibility	Transmittance [%]	Haze [%]	Yellow index [b]	Dielectric constant [@1MHz]
ST1258-6	150	≥2000	1.474	≥ 90	≤ 1.0	0.15-0.25	3~4
ST1258-7	175	≥2000	1.474	≥ 90	≤ 1.0	0.15-0.25	3~4
ST1258-8	200	≥2000	1.474	≥ 90	≤ 1.0	0.15-0.25	3~4
ST1258-10	250	≥2200	1.474	≥ 90	≤ 1.0	0.15-0.25	3~4



Rigorous R&D attitude Make sure every optical Adhesive product be more outstanding.

Because of the R&D team's pursuit of ingenuity, the rigorous R&D attitude & perfect testing equipment and inspection tools can effectively reflect the product's performance and subtle changes in data which can guarantee the excellent quality of each product and make sure that each optical Adhesive product is more even during screen fit, making the screen display even better.

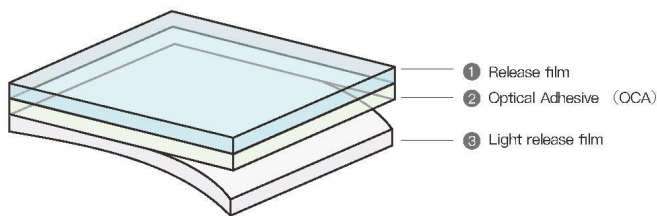
What is OCA Optical Adhesive?

OCA Optical Adhesive is a layer of optically transparent special double-sided Adhesive. High light transmittance can reduce glare, increase display brightness and provide high transmittance, increase contrast under strong light.

Characteristics

- Effectively reduce glare, increase LCD brightness, increase transmittance, and reduce energy consumption
- No birefringence, can avoid Newton rings
- Smooth surface and excellent in warpage resistance. It can deal with full screen solution
- Excellent heat resistance, can inhibit bubble generation after bonding

Structure



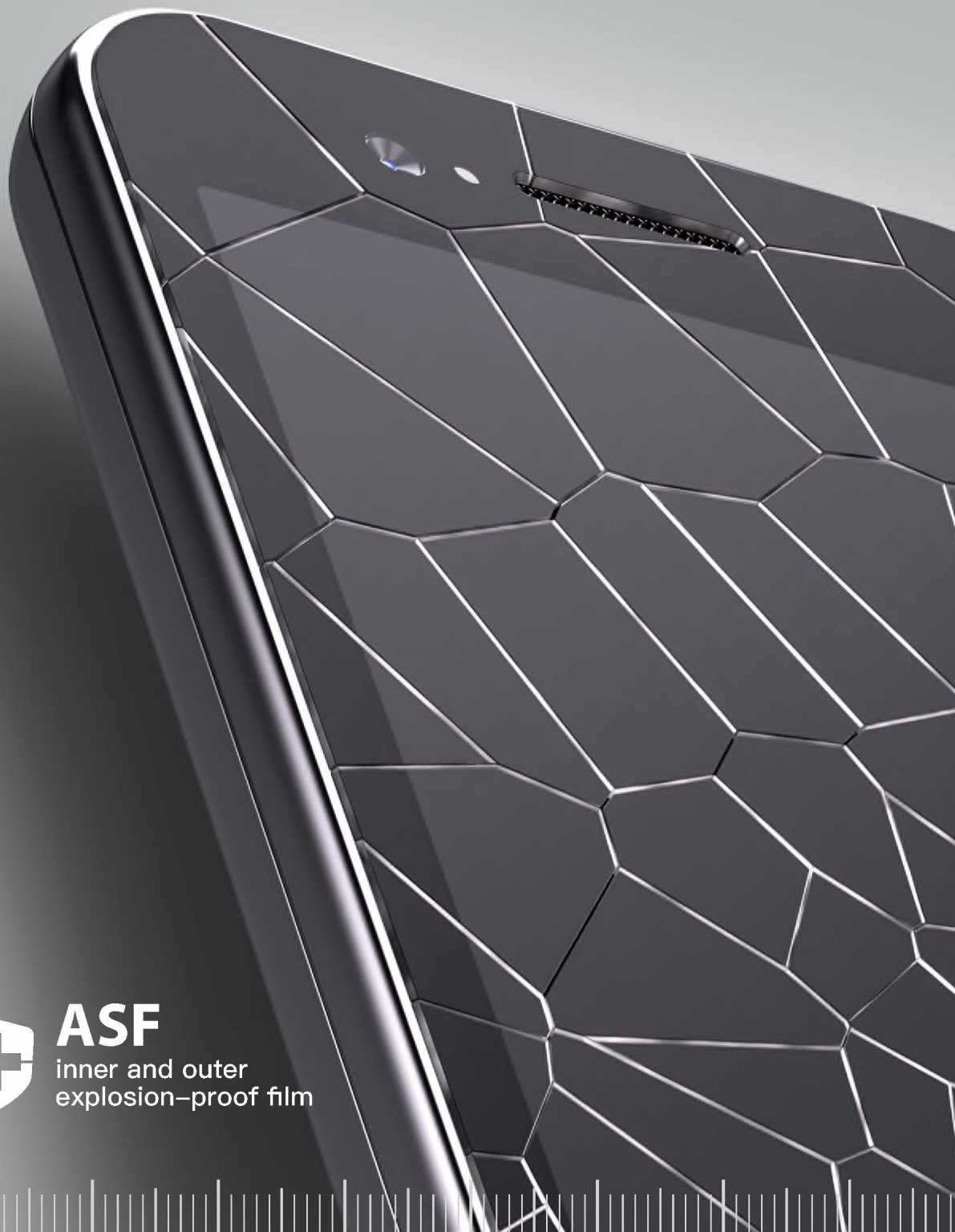
Application

- Can be used for TP products's fit such as mobile phones, tablet PCs, AIO, NB, etc.
- Can be used for ITO film, ITO glass, PMMA, PET, tempered glass and other materials



Performance

Model	Thickness [um]	Peeling force [g/inch]	Flexibility	Transmittance [%]	Haze [%]	Yellow index [b]	Dielectric constant [@1MHz]
T928-1/-2/-3/-4 (Soft)	25/50/75/100	≥1600	1.474	≥ 90	≤ 1.0	0.15-0.25	3~4
T928-5/-6/-7/-8 (Soft)	125/150/175/200	≥2000	1.474	≥ 90	≤ 1.0	0.15-0.25	3~4
D996-2/-4/-5 (Neutral)	50/100/125	≥1500	1.474	≥ 90	≤ 1.0	0.15-0.25	3~4
D996-6/-7 (Neutral)	150/175	≥1900	1.474	≥ 90	≤ 1.0	0.15-0.25	3~4
D702-2/-4/-5 (Hard)	50/100/125	≥1600	1.474	≥ 90	≤ 1.0	0.15-0.25	3~4
D702-6/-7/-10/-14 (Hard)	150/175/200/350	≥1800	1.474	≥ 90	≤ 1.0	0.15-0.25	3~4



High light
transmittance



Anti-impact



High surface
hardness

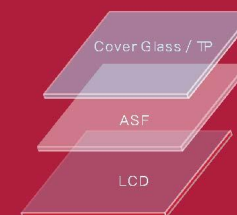


Avoid glass
cracking and
scattering

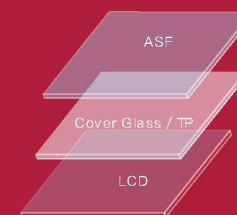
ASF inner and outer explosion-proof film

Touch era electronic products inner and outer explosion-proof safety guards

The product is completely covered in every corner of the electronic screen, protecting all aspects of the product, reducing the risk of screen fragmentation as well as the hidden damage of the glass surface, which can effectively protecting the user's safety. Not only that, the high strength of the ASF explosion-proof film of GTG makes the color reproduction of the screen more real and the screen display more outstanding.



Inner explosion-proof



Outer explosion-proof



ASF

inner and outer
explosion-proof film

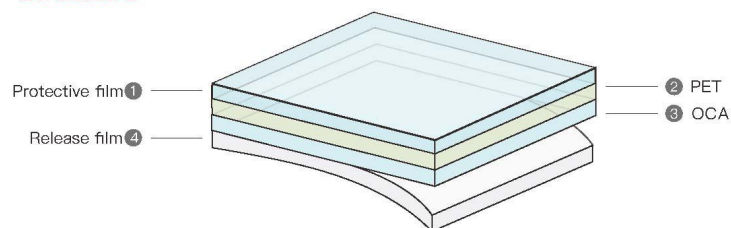
What is ASF explosion-proof film?

ASF explosion-proof film is made of optical PET film as base material and coated with high-performance optical Adhesive. It is equipped with multiple wide surfaces to ensure high transmittance, and the hardness and thickness are optional. This product has excellent optical properties and high bonding strength.

Characteristics

- Surface hardness: 2H~3H, penetration rate: > 88%, haze: < 2%, adhesion force: 1500~2500/25mm
- Base material has been hardened to protect surface from scratches
- Good adhesion, waterproof, easy to tear off

Structure



Application

- Can be used for Mobile phone, car, tablet and other touch display glass reinforcement, inner and outer explosion protection.



Prevent glass surface from breaking up and scattering



Performance

Model	Base Material Thickness [um]	Coating Thickness [um]	Thickness [um]	Protection film Thickness [um]	Release film Thickness [um]	180°Peeling force	Pencil hardness [H]	Transmittance [%]	Haze [%]
AST5025	50	25	75	50	50	≥1500	2~3	≥ 88	≤ 2
AST5050	50	50	100	50	50	≥2000	2~3	≥ 88	≤ 2
AST7525	75	25	100	50	50	≥1500	2~3	≥ 88	≤ 2
AST7550	75	50	125	50	50	≥2000	2~3	≥ 88	≤ 2
AST7575	75	75	150	50	50	≥2200	2~3	≥ 88	≤ 2
AST10025	100	25	125	50	50	≥1500	2~3	≥ 88	≤ 2
AST10050	100	50	150	50	50	≥2000	2~3	≥ 88	≤ 2
AAT10050	100	50	150	50	50	≥2000	2~3	≥ 88	≤ 5
AST100100	100	100	200	50	50	≥2200	2~3	≥ 88	≤ 2

3D curved glass, full screen

Screen protector industry AB glue solution provider

At present, the mobile phone market tends to be segmented and personalized, and the full-screen, curved full-view screen, 3D glass, etc. have become the standard for the flagship models of mobile phone manufacturers. With the development of mobile phone industry, the overall screen-protector industry in the mobile phone after sales market is also facing more demands and challenges. The screen-protector industry includes glass products and non-glass products. According to the current development situation, non-glass materials will become the mainstream in the future. GTG follows the trends and invested a lot of R&D personnel on these two types of screen protection materials. AB glue materials is a leading product in the screen protection industry to show GTG's sensitivity for market. GTG will continuously design innovative products, services and experiences for customers.



Better re-stripping
performance



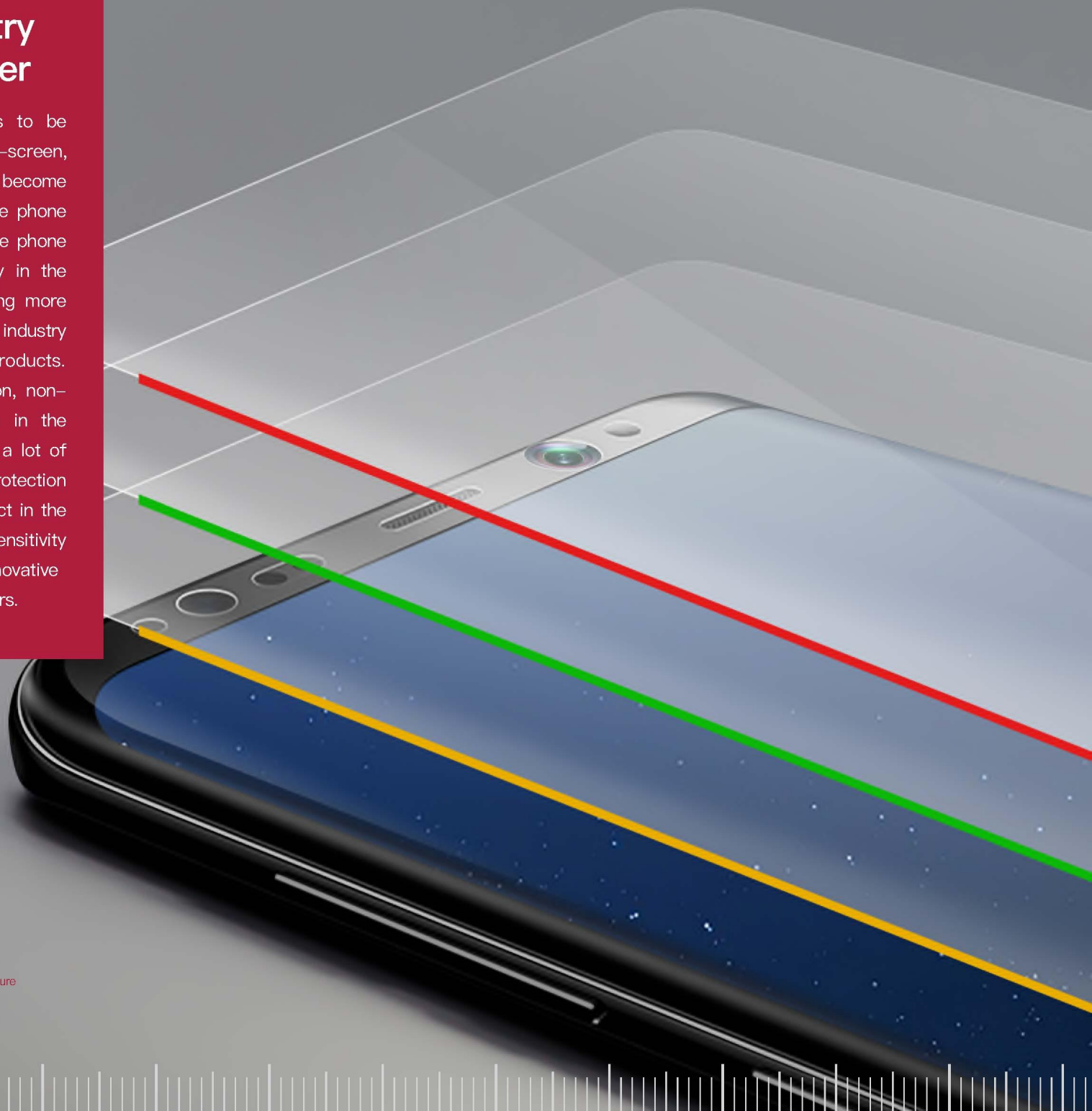
Without adhesive
residue



Good exhaust



High temperature
resistance



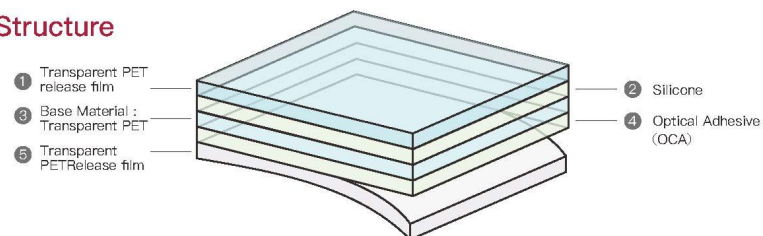
What is AB Adhesive?

AB Adhesive is based on transparent optical grade PET, coated with transparent OCA on one side and hard silicone on the other side. AB Adhesive silicone surface has low Adhesive force, OCA surface has good peeling strength, high temperature resistance and chemical solvent.

Characteristics

- High light transmittance, excellent re-peelability, reworkable, no residue
- Special silicone can naturally exclude air, good exhaust performance on glass surface
- Significant effect of filling edges
- Produce and process in a thousand-grade purification environment with excellent cleanliness

Structure



Application

- Can be used for mobile phones, tablet computers and other touch screen products can be used for glass protection bonding

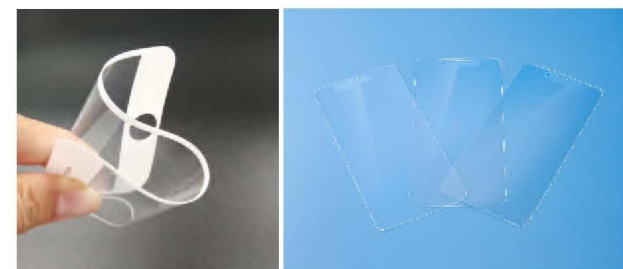
1 Glass Screen protector AB Adhesive Products

- 250um perfectly matched 3D cold-carved glass, hot bending glass protective film
 180um Widely used in 2.5D silk screen protection film, transparent protection film
 130um Widely used in carbon fiber protective sheet, 2D transparent glass protective sheet
 Explosion-proof film (silk screen) Widely used in 3D hot bending, cold glass protective film



2 Non-glass screen protectors

- TPU series Can be affixed to the full screen of curve surface, such as smooth TPU, repairable TPU, hydraulic film TPU
 PET series Can be directly affixed to 3D curved screen mobile phones after heat-bending. Surface scratch resistant is 3H and 5H.
 Flexible glass (PMMA) Can be directly affixed to 3D curved screen mobile phones after heat-bending.



Performance

Model	Color	PETBase Material Thickness [um]	Adhesive coating Thickness [um]		Thickness (don't include Release film) [um]	Maximum width [mm]	180°Peeling force [g/inch]		Retentivity [h/1kg/in ²]	Transmittance [%]	Haze [%]
			Silicon side	OCA side			Silicon side	OCA side			
B788-6	Transparent	50	25	75	150	1020	5 or 10	1,800	≥24	≥ 90	≤ 1
B788-7	Transparent	50	25	100	175	1020	5 or 10	1,800	≥24	≥ 90	≤ 1
F1060-10	Transparent	50	25	175	250	1020	10	1,800	≥24	≥ 90	≤ 1



● Waterproof foam rubber

● Anti-corrugated foam

● PET single sided tape

● Bonding & Separate

● Mesh exhaust adhesive

● Sealed, cavity, trumpet foam

Our adhesive tape can adapt to the ever-changing development trend of high-tech electronic products, meet the high requirements of the electronics industry, and provide the best choice for sealing, dust-proofing, buffering and shading of typical application components.



A more high-performance tape is a must in a more challenging electronic era

With the advent of a full-screen era, smart phones are becoming thinner and thinner in design, and the demand for various parts and materials used in mobile phones is also becoming increasingly stringent. To meet these requirements, the ever-changing needs as well as the expectations of the market, we continue to explore new possibilities for application, different smart phone components bonding, and try our best to meet the stringent adhesive application requirements of tapes on mobile phones.



Waterproof



Dust type



Ultra-thin



Robustness



Weather
resistance

Waterproof foam rubber

Water-proof foam rubber adopts certain elastic PE closed-cell foam as the base material.The unique bonding technology of GTG has a good shock resistance. Waterproof and dust-proof.

Characteristics

- High adhesive force, stable weather resistance, waterproof, good anti-vibration effect, not easy to stick back.
- Excellent die-cutting ability, meet the needs of the narrow border of mobile phones
- Punching type is not easy to layer, can correspond to thin demand, double-sided tape with ultra-thin foam substrate

Application

- Can be used for mobile phone, PAD and other electronic product surface and cover's bonding and fixing
- Can be used for the bonding and fixing of internal parts of electronic products



Performance

Model	Structure [from top to bottom]	Thickness [mm]	Base Material	Adhesive	180°Peeling force [N/inch]	Temperature resistance [°c]	Retentivity [h/1kg/in2]
6315	<ol style="list-style-type: none"> 1 Acrylic pressure sensitive Adhesive 2 Twilight waterproof Foam 3 Acrylic pressure sensitive Adhesive 4 Release paper 	0.15	Twilight waterproof Foam	Acrylic pressure sensitive Adhesive	16	- 5~8 0	≥24
6320		0.20	Twilight waterproof Foam	Acrylic pressure sensitive Adhesive	16	- 5~8 0	≥24
6325		0.25	Twilight waterproof Foam	Acrylic pressure sensitive Adhesive	18	- 5~8 0	≥24
6330		0.30	Twilight waterproof Foam	Acrylic pressure sensitive Adhesive	18	- 5~8 0	≥24
6215	<ol style="list-style-type: none"> 1 Acrylic pressure sensitive Adhesive 2 Gray Black PE Foam 3 Acrylic pressure sensitive Adhesive 4 FPT Printing paper 	0.15	Gray Black PE Foam	Acrylic pressure sensitive Adhesive	20	- 5~8 0	≥24
6220		0.20	Gray Black PE Foam	Acrylic pressure sensitive Adhesive	20	- 5~8 0	≥24
6225		0.25	Gray Black PE Foam	Acrylic pressure sensitive Adhesive	20	- 5~8 0	≥24
6340J	<ol style="list-style-type: none"> 1 Acrylic pressure sensitive Adhesive 2 Black PE 3 Acrylic pressure sensitive Adhesive 4 PET 5 Acrylic pressure sensitive Adhesive 6 Release paper 	0.40	Gray Black PE Foam	Acrylic pressure sensitive Adhesive	16	- 5~8 0	≥24
6340JB		0.40	Black PET Black PE Foam	Acrylic pressure sensitive Adhesive	16	- 5~8 0	≥24
6350J		0.50	Transparent PET Black PE Foam	Acrylic pressure sensitive Adhesive	16	- 5~8 0	≥24
6350JB		0.50	Transparent PET Black PE Foam	Acrylic pressure sensitive Adhesive	16	- 5~8 0	≥24
302	<ol style="list-style-type: none"> 1 Acrylic pressure sensitive Adhesive 2 Black PE 3 Acrylic pressure sensitive Adhesive 4 FPT Printing Release paper 	0.20	Black PET Black PE Foam	Acrylic pressure sensitive Adhesive	20	- 5~8 0	≥24
325		0.25	Twilight waterproof Foam	Acrylic pressure sensitive Adhesive	20	- 5~8 0	≥24
303		0.30	Twilight waterproof Foam	Acrylic pressure sensitive Adhesive	20	- 5~8 0	≥24
304		0.40	Twilight waterproof Foam	Acrylic pressure sensitive Adhesive	20	- 5~8 0	≥24

Anti-corrugated foam

Anti-corrugated foam is a microporous foam with excellent sealing, shock absorption, resistance to compression deformation, absorption of impact and other properties, can be used in most electronic products.

Characteristics

- Unique material: PE+ rubber polymer foam, good softness
- Can solve cell phone white spots, white spots and reduce water ripple

Application

- Can be used for reducing ripple through buffering under the electronic screen.



Performance

Model	Structure	Thickness [mm]	Base Material	density [g/cm ³]	Compressive deformation [50%@70°C&22hrs] %	Temperature resistance [°C]	Stretch rate [%]	CFD (50%) Compression strength [kgf/cm ²]
W0010G	 Twilight waves prevention Foam	0.10	No-base Material	0.35	27	- 20~100	Vertical : ≥75 Horizontal : ≥100	7.64
W0015G		0.15	No-base Material	0.32	25	- 20~100	Vertical : ≥150 Horizontal : ≥180	5.77
W0020G		0.20	No-base Material	0.20	14	- 20~100	Vertical : ≥150 Horizontal : ≥180	4.42

Mesh exhaust adhesive

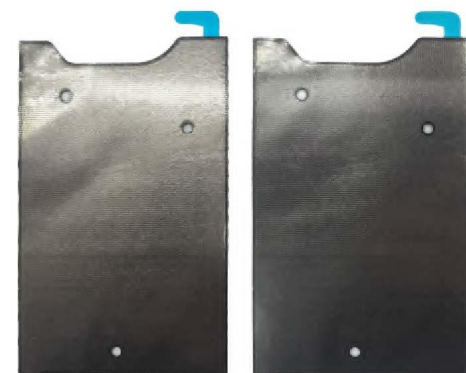
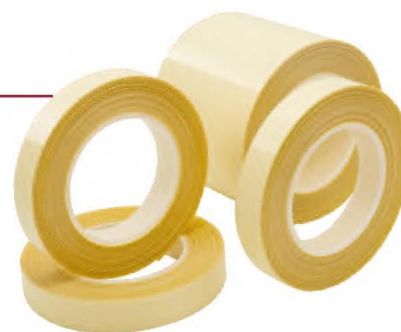
Use PET as base material, it is combined with high-performance pressure-sensitive adhesive (acrylic adhesive) and covered with silicon release paper.


Characteristics

- Strong self-adhesive, excellent docileness and good space stability

Application

- Can be used for cooling & exhaust



Model	Structure [from top to bottom]	Total thickness [mm]	Base Material	Adhesive	180°Peeling force [N/inch]	Temperature resistance [°C]	Retentivity [h/1kg/in ²]
203	 ① Acrylic pressure sensitive Adhesive ② Transparent PET ③ Acrylic pressure sensitive Adhesive ④ Yellow grid release paper	0.03	Transparent PET	Acrylic pressure sensitive Adhesive	Side A (Grid) 5 Side B (Flat) 7	-5 ~ 80	≥24
205		0.05	Transparent PET	Acrylic pressure sensitive Adhesive	Side A (Grid) 7 Side B (Flat) 9	-5 ~ 80	≥24

PET single sided tape

PET tape is made of PET film as base material, coated with special semi-sensitive adhesive on one side or double-side.

Characteristics

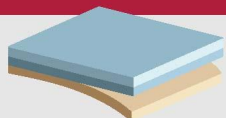
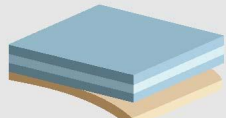
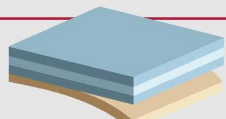
- Scratch-proof, waterproof, easy to peel, no residue;
- Reworkable, removable, good bonding strength for most materials. good initial viscosity

Application

- Can be used for mobile phone frame fixing, flat film switch bonding, automotive industry's ABS plastic parts fixing.
- Can be used for rubber EPDM bonding, batteries in electronic equipment and lenses and windows' bonding.
- Can be used for signage fixed, LCD reflective film splicing plastic film, low-energy plastic material bonding



Performance

Model	Structure [from top to bottom]	Thickness [mm]	Base Material	Adhesive	180°Peeling force [N/inch]	Temperature resistance [°C]	Retentivity [h/1kg/in²]
G452	 <ol style="list-style-type: none"> 1 Transparent PET 2 Acrylic pressure sensitive Adhesive 3 PET Release film 	0.065	PET	Acrylic pressure sensitive Adhesive	>5	- 5 ~160	≥24
H448		0.125	PET	Acrylic pressure sensitive Adhesive	>22	- 5 ~160	≥24
L1237	 <ol style="list-style-type: none"> 1 Acrylic pressure sensitive Adhesive 2 Transparent PET/Black PET 3 Acrylic pressure sensitive Adhesive 4 White paper Release paper 	0.17	PET	Acrylic pressure sensitive Adhesive	>15	- 5 ~160	≥24
6205		0.05	PET	Acrylic pressure sensitive Adhesive	>10	- 5 ~100	≥24
6208		0.08	PET	Acrylic pressure sensitive Adhesive	>16	- 5 ~100	≥24
6210		0.10	PET	Acrylic pressure sensitive Adhesive	>18	- 5 ~100	≥24
JD015B		0.15	PET	Acrylic pressure sensitive Adhesive	>18	- 5 ~100	≥24
6208		0.08	Black PET	Acrylic pressure sensitive Adhesive	>18	- 5 ~100	≥24
8208K	 <ol style="list-style-type: none"> 1 Removable Adhesive 2 Transparent PET 3 Acrylic pressure sensitive Adhesive 4 White paper Release paper 	0.08	PET	Acrylic pressure sensitive Adhesive	Side A : 6-13 Side B : 15	- 5 ~100	≥24
6310K		0.10	PET	Acrylic pressure sensitive Adhesive	Side A : 6-13 Side B : 22	- 5 ~100	≥24

Bonding & Separate

It is a solvent-free environmentally friendly synthetic no-base material product. Coated with a special-performance, sub-sensitive adhesive, and coated again with double-sided release paper. It can be used immediately, and can be easily removed without residue of adhesive, which is convenient for cleaning.

Characteristicss

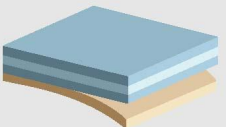
- With Base Material, easy to bond & separate, waterproof, strong viscosity, good shockproof
- Permanently fixes electronic components and removes residue-free glue during repair or recycling to optimize product reworkability

Application

- Can be used for the fixing of battery and window



Performance

Model	Structure [from top to bottom]	Thickness [mm]	Base Material	Adhesive	180°Peeling force [N/inch]	Temperature resistance [°C]	Stretch rate [%]	Retentivity [h/1kg/in²]
310	 <ol style="list-style-type: none"> 1 Coated high viscosity rubber glue 2 Base Material rubber 3 Coated high viscosity rubber glue 4 White double silicon release paper/PET Release film 	0.10	No-base Material	Acrylic pressure sensitive Adhesive	≥10	-5~90	≥1000	≥24
315		0.15	No-base Material	Acrylic pressure sensitive Adhesive	≥12	-5~90	≥1000	≥24
020		0.20	No-base Material	Acrylic pressure sensitive Adhesive	≥13	-5~90	≥1000	≥24

OCA rework glue

Non-base material white adhesive tape with rubber material directly laminated on both sides of PET release film

Characteristics

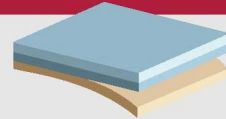
- High adhesion and extensibility
- No residue, no solvent, low pollution

Application

- Can be used for the rework for blistering and foreign objects of OCA.
- Can be used for residual adhesive removal of OCA optical glue/LOCA residue during production and rework of liquid crystal modules and capacitive screen TP,



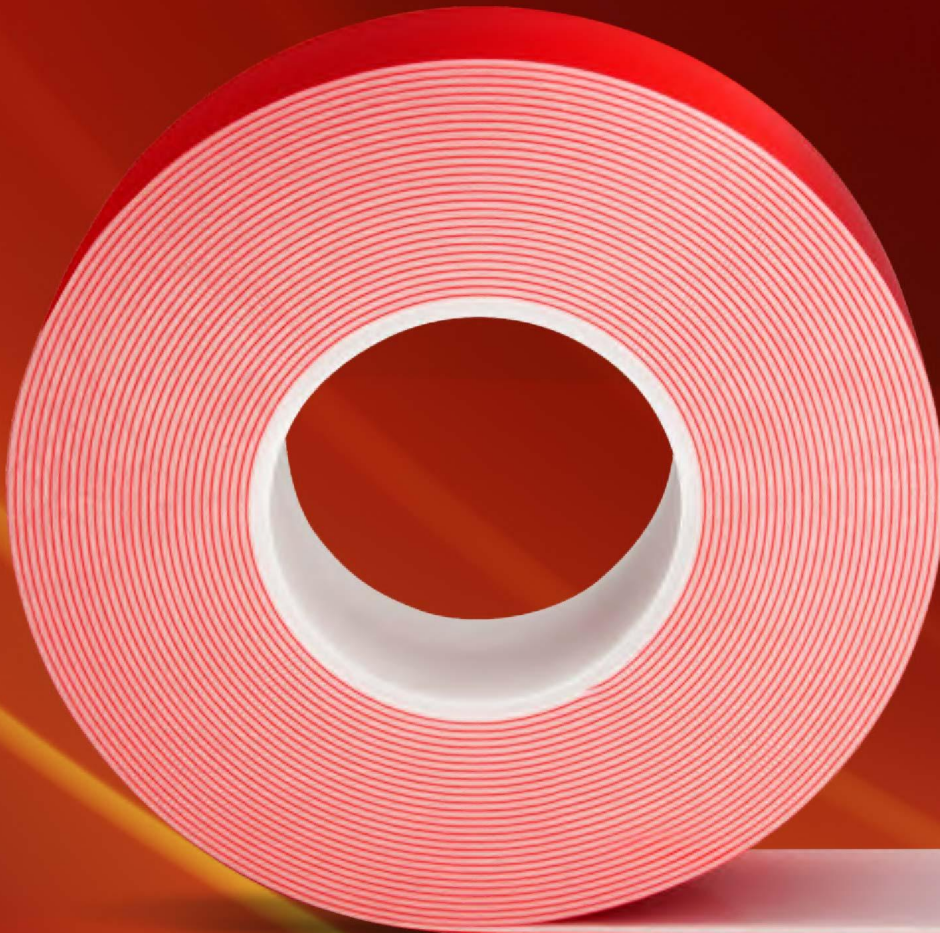
Performance

Model	Structure [from top to bottom]	Thickness [mm]	Base Material	Adhesive	180°Peeling force [N/inch]	Temperature resistance [°C]	Stretch rate [%]	Retentivity [h/1kg/in²]
6015	 <ol style="list-style-type: none"> 1 White double silicon Release paper 2 Synthetic No-base Material 3 White double silicon Release paper 	0.15	No-base Material	Acrylic pressure sensitive Adhesive	13	-5~90	≥1000	≥24
6020		0.20	No-base Material	Acrylic pressure sensitive Adhesive	13	-5~90	≥1000	≥24



Unbelievable long-lasting adhesion and sealing

Our HBP stands for High-Bonding-Power. It means super sticky double-sided tape, which is the most advanced and professional double-sided tape on the market. With the diversity of society and the development of science and technology, acrylic tape has become an indispensable product. GTG's HBP tape is 5 times superior that of ordinary foam. It adopts sealed foaming, each bubbling is independent of each other, so it can effectively block water vapor and achieve watertight and airtight effects. Our tapes can help you complete more quickly and show our results with great confidence and reliability.



Automobile industry





GTG HBP ACRYLIC FOAM TAPE

Various Applications, High Bonding Power



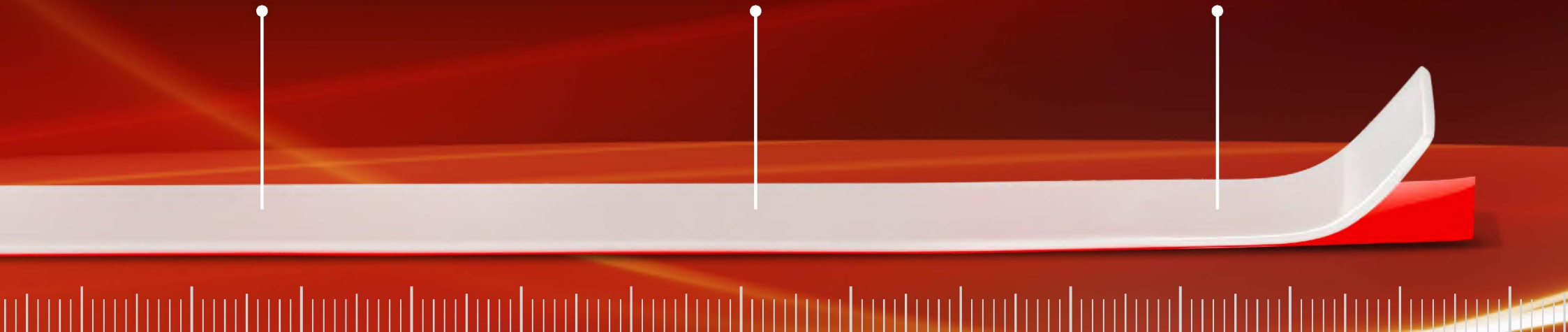
Solar industry



Elevator industry



Appliance industry



GTG HBP Acrylic Tape

Characteristics

- Can effectively reduce weight, replace screws, rivets, welding for fixing and sealing
- Super viscous, can be used for slippery plastic surface, smooth mirror-like metal, glass surface, and uneven walls
- With excellent caulking effect, can be free from moisture, dust and chemicals
- Durability, excellent weather resistance, shock resistance, anti-aging, noise reduction
- Anti-UV, anti-solvent; can be used in ultra-high temperature, ultra-low temperature environment, non-adhesive tape other than PE/PU/EVA Base Material



Application

- Automotive industry: assembly and decoration of various automobiles, commercial vehicles, construction machinery, etc.
- Solar photovoltaic industry: solar photovoltaic cells sealing & fixing; module fixing, assembly and sealing, etc.
- Elevator industry: Bonding of reinforcing ribs, mirrors, decorative plates and other fixed parts
- Electronics industry: Bonding, sealing and waterproofing of various of electronic digital products, home appliances processing and assembly
- Construction Industry: Bonding and dust-proofing for glass curtain walls, door & window assemblies and elevators, etc. Insulation, connection, banding, waterproofing, repair, sealing for construction.
- Advertising industry: various advertisements, street signs, nameplates, marking adhesive fixing.



1 Middle Net



2 Rearview mirror



3 Steering wheel



Automotive Application Solutions



GTG has many years of practical experience in the automotive industry. Our adhesive tape can fit the application of various parts of the vehicle to meet the high requirements of the automotive industry. GTG HBP Acrylic Adhesive Tape secures the interior and exterior trim of the car to the body, while providing reliable sealing and shock absorption. It has excellent stability and weather resistance in harsh environments with high and low temperatures, and it can be perfectly attached to the body curves and corners with excellent adaptability.



④ Seats



⑤ Rubbing strip



⑥ Door panel



⑦ Sunroof



⑧ B-pillar



⑨ Welcome bar



⑩ Antenna



⑪ Tail wing



Solar Solution

GTG tapes are used in the solar industry. With beautiful appearance and superior weather resistance.

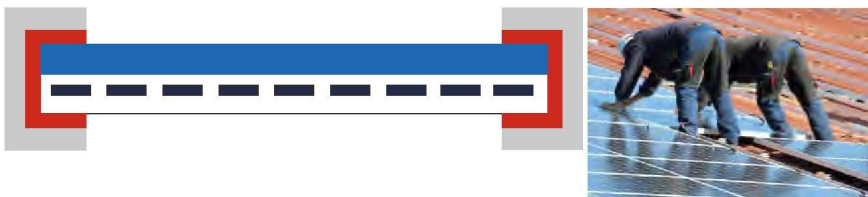


Characteristics

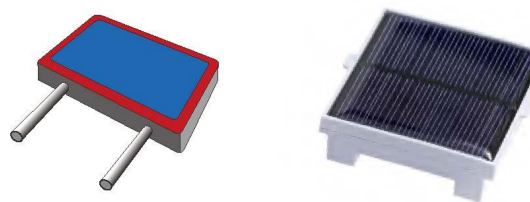
- Sealing, waterproof and moisture-proof functions could be realized during fixing.
- Super weather resistance, aging resistance, temperature resistance: -30° – 200°
- Clean and tidy appearance, easy to construct, super strong retention
- Does not react with the module's EVA/PVC and back sheet

Application

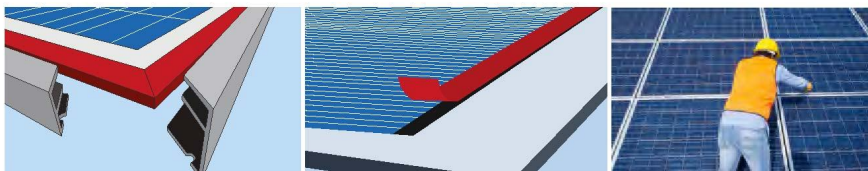
1. Can be used for fixing and sealing for battery module edge (Applicable Model: FLA51 20GB GTG HBP acrylic tape) Can be used for fixing and sealing solar modules after lamination; excellent sealing, waterproof and aging resistance



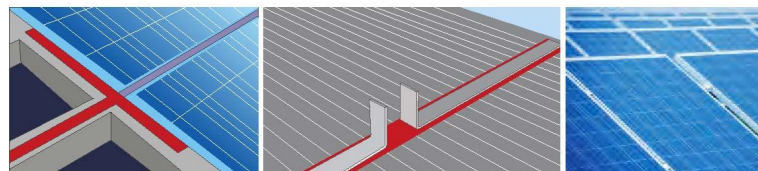
2. Can be used for fixing and sealing for the battery box (Applicable Model: F61 20W GTG HBP acrylic tape) Can be used for fixing and sealing of the battery box of the solar module's back; excellent sealing, waterproof and aging resistance



3. Can be used for fixing of the module and aluminum frame (Applicable Model: G 5200HBP Tape) Can be used for the bonding of spray paint metal and plastic parts, thicker base material can fill the gaps between adherends. Particularly suitable for the fixation of solar modules and aluminum frame.



4. Can be used for fixing and sealing of the roof (Applicable Model: G51 20 HBP Tape) It changed the traditional way to fix the solar group with cement columns and screw rivets. The tape's excellent sealing, super weather resistance and easy operation make installation easier and more convenient.



Elevator application solution



Our adhesive tape makes the elevator's inside and outside a strong plate, more reliable, It can be easy to operate and provide a secure bond, providing a worry-free during the entire process.



Characteristics

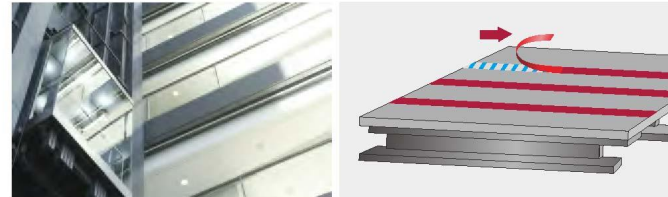
- Bonding of reinforced ribs, extremely high adhesion for difficult-to-bond materials such as powder coated substrates.
- Mirror fixing , the tape can be used to fix the mirror quickly, permanently and safely
- Fixing of the elevator decorative panel, and the tape can be invisible, reliable and permanently fix the decorative metal plate
- Fixed parts, clean bonding, no curing. Reliable and durable bonding

Application

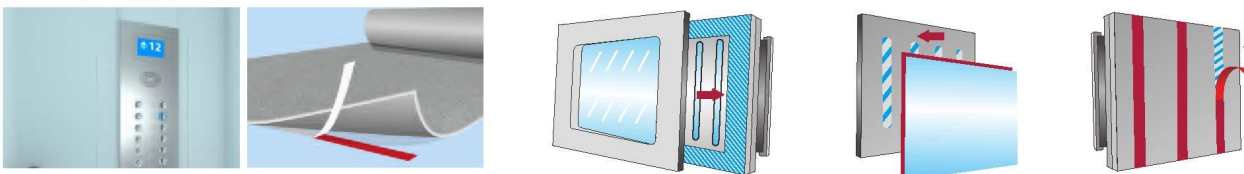
1. Can be used for fixing the plastic box stiffener
(Applicable Model : G6064 / 6120 / 6200 GTG HBP Acrylic tape)



2. Can be used for fixing the plastic box floor
(Applicable Model : G5040 / 5064 / 5120 / 5150, GTG HBP Acrylic Tape)



3. Can be used for the interior of the elevator (fixed control panel, fixed poster light box panel, fixed window frame, fixed nameplate, soundproof elevator shaft) (Applicable Model: The interior of the elevator can use PET, cotton, cloth double-sided adhesive tape produced by GTG. The specific models are: GM6210/GM6212/GM28/GM18) elevator shaft can use 5mm-10mm single-sided EVA or foam tape)



Construction Application Solutions

Our products have the advantage of being able to quickly and permanently bond a wide variety of flat and curved materials, providing greater design freedom in architectural facades, windows, doors, roofs and interior applications

Application

- Roof (adhesive products is super weather resistance, anti-aging and more beautiful)
- Doors and Windows (adhesive products show an unique design of doors and windows, quick assembly, longer lasting bonding, and more energy saving)
- Interior decoration (adhesive products make the design more simple, and make adhesive invisible possible)



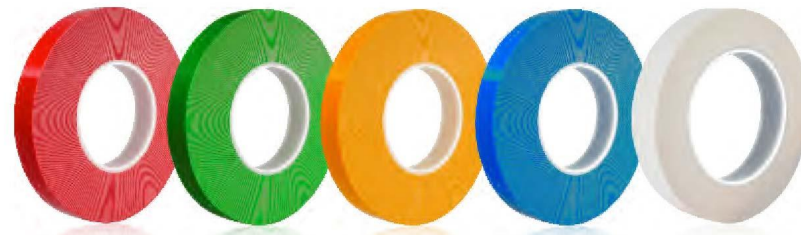
Home and Commercial Appliance Application Solutions

To meet the high-standard bonding requirements of the electrical industry, we provide a wide range of tape solutions for all electrical appliances, from refrigerators, air conditioners, washing machines, ovens, dishwashers, freezers to commercial appliances and various small household appliances.



Signage Application Solutions

Product Versatility in Signage and Metal Applications



Remark: Release materials include red film, green film, yellow film, blue film, white film, white paper, kraft paper, PET release film, etc.
We can deal with various release film VHB tape according to customer needs.

GTG HBP Acrylic Tape Information



Model	Structure [from top to bottom]	Thickness [mm]	Adhesive	180°Peeling force [N/inch]	Temperature resistance[°C]	Retentivity [h/1kg/in ²]
3025CP	Transparent acrylic Adhesive —White Release paper	0.25	Acrylic pressure sensitive Adhesive	20	- 20~160	≥24
3050C	Transparent acrylic Adhesive —Red Release film	0.50	Acrylic pressure sensitive Adhesive	20	- 20~160	≥24
5025GP	Grey Acrylic Adhesive —White Release paper	0.25	Acrylic pressure sensitive Adhesive	18	- 20~160	≥24
5040G	Grey Acrylic Adhesive —Red Release film	0.40	Acrylic pressure sensitive Adhesive	25	- 20~160	≥24
5080GY	Grey Acrylic Adhesive — Printing GTG HBP	0.80	Acrylic pressure sensitive Adhesive	25	- 20~160	≥24
5120G	Grey Acrylic Adhesive —Red Release film	1.20	Acrylic pressure sensitive Adhesive	25	- 20~160	≥24
5200G	Grey Acrylic Adhesive —Red Release film	2.00	Acrylic pressure sensitive Adhesive	22	- 20~160	≥24
6025WP	White Acrylic Adhesive — 白いRelease film	0.25	Acrylic pressure sensitive Adhesive	18	- 20~160	≥24
6040W	White Acrylic Adhesive —Red Release film	0.40	Acrylic pressure sensitive Adhesive	25	- 20~160	≥24
6064W	White Acrylic Adhesive —Red Release film	0.64	Acrylic pressure sensitive Adhesive	25	- 20~160	≥24
6080W	White Acrylic Adhesive —Red Release film	0.80	Acrylic pressure sensitive Adhesive	25	- 20~160	≥24
6120W	White Acrylic Adhesive —Red Release film	1.20	Acrylic pressure sensitive Adhesive	25	- 20~160	≥24
6150W	White Acrylic Adhesive —Red Release film	1.50	Acrylic pressure sensitive Adhesive	25	- 20~160	≥24
311A	Black Acrylic Adhesive —White Release paper	0.20	Acrylic pressure sensitive Adhesive	20	- 20~160	≥24
312	Black Acrylic Adhesive —White Release paper	0.25	Acrylic pressure sensitive Adhesive	23	- 20~160	≥24
313	Black Acrylic Adhesive —White Release paper	0.30	Acrylic pressure sensitive Adhesive	25	- 20~160	≥24
VX9110W	Acrylic pressure sensitive Adhesive—White Acrylic Base Material Adhesive —Acrylic pressure sensitive Adhesive—White Release paper	1.10	Acrylic pressure sensitive Adhesive	40	- 20~160	≥24
VD571	Acrylic pressure sensitive Adhesive—White Acrylic Adhesive —Acrylic pressure sensitive Adhesive—White Release paper	0.25	Acrylic pressure sensitive Adhesive	18	- 20~160	≥24
VD572	Acrylic pressure sensitive Adhesive—White Acrylic Adhesive —Acrylic pressure sensitive Adhesive—White Release paper	0.40	Acrylic pressure sensitive Adhesive	18	- 20~160	≥24
FLA5064GB	Acrylic pressure sensitive Adhesive—Black Acrylic Adhesive —Acrylic pressure sensitive Adhesive—Red Release film	0.64	Acrylic pressure sensitive Adhesive	27	- 20~160	≥24
VX9110B	Acrylic pressure sensitive Adhesive—Black Acrylic Adhesive —Acrylic pressure sensitive Adhesive— Printing GTG HBP	1.10	Acrylic pressure sensitive Adhesive	30	- 20~160	≥24
VX1003	Acrylic pressure sensitive Adhesive—Grey Acrylic Adhesive —Acrylic pressure sensitive Adhesive—Red Release film	0.80	Acrylic pressure sensitive Adhesive	35	- 20~160	≥24

Base material-free double-sided adhesive

Base material-free double-sided adhesive is firstly coated by acrylic adhesive, then coated with polymer coated waterproof kraft paper, white glassine paper or transparent PET pressed. It will not wrinkle in high humidity environments.

The Base material-free double-sided adhesive is an important type in the GTG HBP adhesive series. The common thickness is 0.05mm or 0.13mm. We can produce different specifications and thicknesses according to customer requirements, providing customers with a more comprehensive tape application solution.

Characteristics

- Colorless, transparent pure adhesive tape
- Good initial viscosity and good adhesion
- High cohesion, good plasticization resistance, excellent die-cutting performance
- No residue, no spilled plastic, chemically stable, resistant to organic solvents, disinfectants, oil, weak acid, alkali, salt erosion
- Suitable for a wider temperature range and harsh environment, long-term temperature up to 160 °, short-term temperature up to 200 °.

Application

- Can be used for nameplates, stickers, signs; screen printing, advertising, aviation, medical and industrial equipment, automobiles, home appliances, electronics markets and other industries
- Iron plate FPC: used for mobile phones, laptops, PDAs, digital cameras, LCM and other electronic products
- Film switch: film switches with flexible, rigid, bump, etc.
- Shockproof foam: Good initial viscosity and good adhesion, high cohesion, good plasticization resistance



Performance

Model	Structure [from top to bottom]	Thickness [mm]	Adhesive	180°Peeling force [N/inch]	Temperature resistance [°C]	Retentivity [h/1kg/in²]
17MP	 <ul style="list-style-type: none"> ① Acrylic pressure sensitive Adhesive ② White paper Release paper / kraft paperRelease paper 	0.05	Acrylic pressure sensitive Adhesive	20	- 20~120	≥24
18MP		0.13	Acrylic pressure sensitive Adhesive	25	- 20~120	≥24
19MP		0.13	Acrylic pressure sensitive Adhesive	20	- 20~120	≥24

Base material-free/base material thermal tape

The Base material-free thermal tape is a white tape composed of acrylic polymer, covered with release paper, and a glass fiber thermal tape is made of glass fiber tape coated with special sub-sensitive adhesive.

Characteristics

- High thermal conductivity and insulation materials, easy to operate
- Excellent softness, fit, self-adhesion and high compression ratio
- The 3T thermal tape has immediate adhesiveness, insulation, low outgassing, and high thermal conductivity on a fixed heat sink in a lens group or on a flexible board
- Good initial viscosity and good adhesion, energy saving and environmental protection

Application

- Can be used for fixing CPU and heat sink or heat sink
- Can be used for fixing LED board and rack
- Can be used for fixing electronic components and heat sinks



Model	Part Name	Total thickness [mm]	Base Material	180°Peeling Force [N/inch]	Retentivity [Normal temperature 500g]	Temperature resistance [°C]	Thermal Conductivity [W/m-K]	Flammability rating [UL-94V]
3T905HT	White paper No-base Material thermal Adhesive	0.13	No-base Material	≥8	≥24	-20~120	≥0.5	V1
3T908HT		0.19	No-base Material	≥8	≥24	-20~120	≥0.5	V1
3T910HT		0.25	No-base Material	≥12	≥24	-20~120	≥0.5	V1
3T915HT		0.38	No-base Material	≥18	≥24	-20~120	≥0.5	V1
3T920HT		0.50	No-base Material	≥18	≥24	-20~120	≥0.5	V1
3013	Blue film Glass fiber thermal Adhesive	0.13	Grid fiber cloth	≥16	≥24	-5~80	≥0.3	No
3002		0.20	Grid fiber cloth	≥16	≥24	-5~80	≥0.3	No
3025		0.25	Grid fiber cloth	≥16	≥24	-5~80	≥0.3	No
3030		0.30	Grid fiber cloth	≥16	≥24	-5~80	≥0.3	No
3050		0.50	Grid fiber cloth	≥16	≥24	-5~80	≥0.3	No
J1131	White paper PET thermal Adhesive	0.15	Transparent PET	≥10	≥24	-20~120	≥0.35	No
J867		0.25	Transparent PET	≥12	≥24	-20~120	≥0.35	No
J1117	White paper PETFlame retardancy thermal Adhesive	0.22	Transparent PET	≥16	≥24	-5~80	≥0.35	V0

Non-woven/cotton paper double-sided adhesive

The double-sided tape is based on a tissue paper non-woven fabric and is combined with a high-performance pressure-sensitive adhesive (acrylic adhesive or rubber-type adhesive) and covered with silicon release paper.

Characteristics

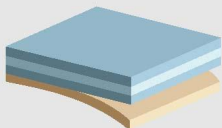
- High-tension double-sided adhesive is anti-rebound, warping, heat resistance and good temperature resistance
- Strong adhesion and holding power
- Better adhesion to various base materials
- Easy to tear, cleanliness

Application

- Suitable for arc paste, suitable for stamping, nameplate, membrane switch paste
- Suitable for logos, photos, envelopes, hooks' fit, etc.
- Suitable for footwear and leather industry



Performance

Model	Structure [from top to bottom]	Thickness [mm]	Base Material	Adhesive	180°Peeling Force [N/inch]	Temperature resistance [°C]	Retentivity [h/1kg/in²]
GM19	 <ol style="list-style-type: none"> 1 Acrylic pressure sensitive Adhesive/L S E Adhesive 2 White cotton paper/Non-woven fabric/Black cotton paper 3 Acrylic pressure sensitive Adhesive 4 White Release paper/Yellow Glassine 	0.1	White cotton paper	Acrylic pressure sensitive Adhesive	16	- 20~100	≥24
GM18		0.15	White cotton paper	Acrylic pressure sensitive Adhesive	16	- 20~100	≥24
GM28		0.16	Non-woven fabric	Acrylic pressure sensitive Adhesive	16	- 20~100	≥24
GM22		0.14	Black cotton paper	Acrylic pressure sensitive Adhesive	16	- 20~100	≥24
GM30		0.1	White cotton paper	Acrylic pressure sensitive Adhesive	16	- 20~100	≥24
GM21		0.15	White cotton paper	Acrylic pressure sensitive Adhesive	20	- 20~160	N/A
GM16		0.15	Filled White cotton paper	Acrylic pressure sensitive Adhesive	16	- 20~100	≥24

PE/EVA foam tape



PE/EVA Foam Tape is made by coating a strong acrylic adhesive or solvent-based rubber on a single-sided or double-sided compression-resistant foam.

Characteristics

- Water resistance, closed cell structure, waterproof
- Processability, easy to hot press, cutting, coating processing
- Anti-vibration, heat insulation, high temperature, low temperature, can overcome various harsh environments
- Sound insulation, closed cells, good sound insulation



Application

- Can be used for car seats, automotive interiors, roofs, foot pedals, sunshade materials and daily hooks
- Can be used for compression-resistant foam and a film coated with a strong acrylic adhesive compound, sound-absorbing, anti-seismic seal, easy to adhere to a variety of surfaces, while having die-cutting products. Mainly used for the fixing and bonding of automotive interior and exterior decorative elements.

Model	Part name	Adhesive Thickness [mm]	Base Material	Adhesive	Width [mm]	length [m]	Ring initial stick [N/in ²]	Retentivity [1kg/in ²]	Temperature resistance [°C]	Usage
3505	Blue film White PE Foam 5 Times T:0.5mm	0.5	PE Foam	Acrylic pressure sensitive Adhesive	1030	50	≥16	≥24H	-20~100	Signage
1105	Red film White PE Foam 10 Times T:0.5mm	0.5	PE Foam	Acrylic pressure sensitive Adhesive	1030	50	≥16	≥24H	-20~100	Nameplate / decorative strip
3110	Blue film Black PE Foam 10 Times T:1.0mm	1.0	PE Foam	Acrylic pressure sensitive Adhesive	1030	50	≥18	≥24H	-20~100	Car balance block
6110	White paper Black PE Foam 10 Times T:1.0mm	1.0	PE Foam	Acrylic pressure sensitive Adhesive	1030	50	≥18	≥24H	-20~100	Nameplate / decorative strip/ Door and window trim
6805	White paper Black PE Foam8 Times T:0.5mm	0.5	PE Foam	Acrylic pressure sensitive Adhesive	1030	50	≥18	≥24H	-20~100	Door and window trim
1611	Red film grey PE Foam 15 Times T:1.1mm	1.1	PE Foam	Acrylic pressure sensitive Adhesive	1030	50	≥18	≥24H	-20~100	Door and window trim
3615	Blue film White PE Foam 15 Times T:1.5mm	1.5	PE Foam	Acrylic pressure sensitive Adhesive	1030	50	≥16	≥24H	-20~100	Door and window trim
6615	White paper Black PE Foam15 TimesT:1.5mm	1.5	PE Foam	Acrylic pressure sensitive Adhesive	1030	50	≥16	≥24H	-20~100	Door and window trim
3730	Blue film White PE Foam 25 Times T:3.0mm	3.0	PE Foam	Acrylic pressure sensitive Adhesive	1030	25	≥18	≥24H	-20~100	Door and window trim
5110	Yellow film White PE Foam 10 Times T:1.0mm	1.0	PE Foam	Acrylic pressure sensitive Adhesive	1030	50	≥18	≥24H	-20~100	Nameplate / decorative strip
9610	Yellow Glassine Black Foam 15 Times T:1.0mm	1.0	PE Foam	Acrylic pressure sensitive Adhesive	1030	50	≥18	≥24H	-20~100	Nameplate / decorative strip
2610	Green film White PE Foam 15 Times T:1.0mm	1.0	PE Foam	Acrylic pressure sensitive Adhesive	1030	50	≥18	≥24H	-20~100	Nameplate / decorative strip
7110	Yellow Double Paper White PE Foam 10 Times T:1.0mm	1.0	PE Foam	hook Adhesive	1030	50	≥18	≥72H/2kg/in ²	-20~70	Home hook
7610	Yellow Double Paper White PE Foam 15 Times T:1.0mm	1.0	PE Foam	hook Adhesive	1030	50	≥18	≥72H/2kg/in ²	-20~70	Home hook