
SDK
BRAND NEW FUTURE
Optical
Display
Solutions
SDK New Materials.Inc

SDK

BRAND NEW FUTURE

CONTENTS

01 Optical Module Solutions

02 Functional Adhesive Solutions

03 Process Solutions

04 Module Protection and Packaging Solutions

Company Profile

A leading supplier of functional coating composite materials

Founded in 2006 in Taicang, Sidike is a leading supplier of functional coating composite materials. With in-house R&D and ability to develop, synthesize and coat the material, Sidike is providing customers with high quality, high performance precision coated material to cater to application specific solutions. Sidike products are used in smart phones, laptops, tablets, wearable electronic devices and new energy vehicles.

CORE VALUES

Customer ● Team ● Innovation ● Responsibility

Technology & Equipment Advantages

Polymerization

- One of the few enterprises with polymer synthesis capabilities.
- Independent polymer material development, design, and manufacturing abilities.
- Strong technical basis of differentiated products development based on customer's specific needs.

Coating Formulation Optimization

- A critical technical element determining the performance of a specific product.
- Optimized formulation design to improve functionality and differentiation of product.
- Support specific functional performances, including high temperature resistance, flame retardant, insulation, conductivity or thermal conductivity, etc.

Functional Structure Design

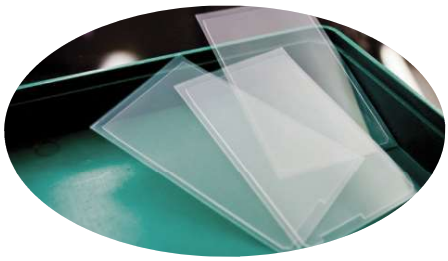
- Design through combination of different coating and base films to achieve product performance effectively.
- Efficient product design to fix customers' problems with market oriented thinking.

Precision Coating

- 16 years of practical experience and data Higher.
- Precision, consistency and surface quality in production processes.
- Film surface treatment, coating curing and other technics to meet customers' requirements.

Optical Clear Adhesive

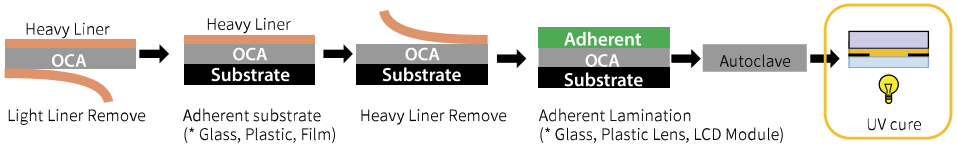
Features

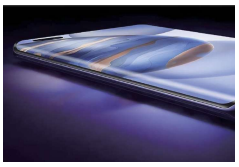


- Class one hundred clean room processing, excellent cleanliness, good transparency, low haze, light transmittance ⩾95%.
- Excellent weather resistance, humidity and heat resistance, long-lasting non-yellowing, no delamination or degradation.
- Good metal matching. high bonding strength on smooth or textured surface, low curing shrinkage, and excellent gap filling ability.
- A variety of different designs to meet the needs of customers' specific application occasions.

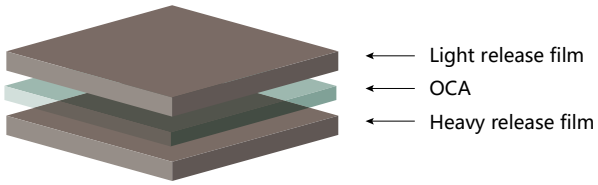
Applications

- Bonding of G+G, G+F, G+FF, etc. in touch screen display module.
- Adhesive bonding of various optical films on display panels.





Product Structure



	Type	Product Name	Thickness Range (μm	Special Properties	Main Application
Standard Product	General Elastic	SDK0050K SDK0200K	10~200	High bonding strength Excellent converting performance	Touch panel and cover lens
	Gap Filling	SDK0125K SDK0150S	10~200	UV and Non-UV type Capable cover> 30%thickness	Full lamination for touch panel
Non-Standard/ Special Product	Outgassing Resistant (PC/PMMA)	SDK0125A SDK0025	10~200	Anti-bubbling performance Excellent balanced performance	3D display and VR area
	High Temperature Adhesion	SDK0025K SDK0100S	50~200	High-temperature performance Tensile strength > 1.5 Mpa (85℃)	Touch panel and cover lens
	Flexible/ Anti-Bending	SDK0025W SDK0050W	25~50	Good PI lamination Excellent bending performance	Flexible display
	Low Dielectric Constant	SDK0025K	10~200	Stable dielectric performance Dk=2.9 (100 MHz)	Touch panel and 5G display
	High Refractive Index	SDK0025D SDK0100D	10~200	Stable optical and mechanical performance RI=1.52	3D display and VR area

Explosion-proof Film

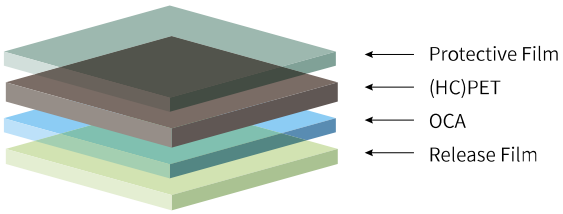
Features

- Good transparency.
- Excellent weather resistance, heat and humidity resistance, no foaming under high temperature and high humidity environment.

Applications

- Bonding of various optical films such as display panels and bonding of touch screen ITO glass.

Product Structure



Typical Product Physical Properties

Product Number	Adhesive Type	Structure	Thickness (μm)	Transmittance (%)	Haze (%)	Peel Strength (gf/inch, SUS)	Peel Strength (gf/inch, Glass)	Hardness (H)
SDK5025A-1	Arylic	Optis PET+25 Optically adhesive +Optis LXM	75±5	≥90	≤1.2	≥1800	≥1800	/
SDK5025N-8	Arylic	Optis PET+25 Optically adhesive +50 LXM	75±5	>91	<1.5	≥1000	≥1300	/
SDK7525A-1	Arylic	Optis PET+25 Optically adhesive +Optis LXM	100±5	≥90	≤1.2	≥1800	≥1800	/
SDK7525A-2	Arylic	Optis PET+25 Optically adhesive +50 Optis LXM	100±5	≥90	≤0.5	>1000	>1200	/
SDK7525N-8	Arylic	Optis PET+25 Optically adhesive +50 Optis LXM	100±5	≥90	≤1.2	>1300	>1300	/
SDK5025A-2	Arylic	2PE Protective film +HC Layer+25 Optis PET +Optically adhesive+Optis LXM	75±5	≥90	≤1.2	≥1000	≥1000	2
SDK5025N-3	Arylic	HC Layer + Optis PET+30 Optically adhesive + Optis LXM	83±5	≥90	≤1.2	>600	>600	1
SDK7525N-2	Arylic	60 Protective film +HC Layer +25 Optis PET + Optically adhesive +50 Optis LXM	100±5	≥90	≤0.5	>800	>800	2

TPU Soft Explosion-proof Film

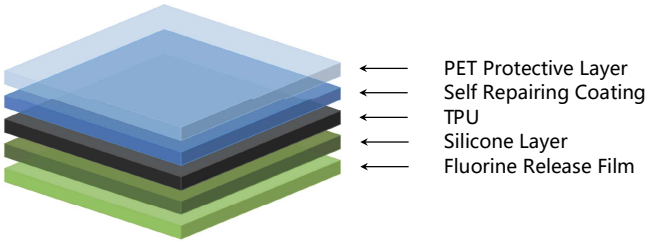
Features

- It is made of ultra transparent TPU base material, Class one hundred clean room processing with high definition.
- Special TPU+OCA processing can effectively cushion the impact and prevent the screen from bursting.
- The silica gel layer has good foam discharging property and can automatically adsorb the screen glass, which is suitable for 3D OLED and bending surface protection.

Applications

- 3D/2.5D and folding screen soft explosion-proof protection.

Product Structure



Typical Product Physical Properties

Product Number	Thickness (μm)	Surface Hardness	WCA	Adhesion (gf/inch)	Sticky - Protective Film (gf/inch)	Release Film Release Force (gf/inch)	Transmittance (%)	Haze (%)
SDK2399PU	150	B	≥102°	≥30 (AF Glass)	2-5	≤5g	≥93.5	≤0.3%

High Wear Resistance Film

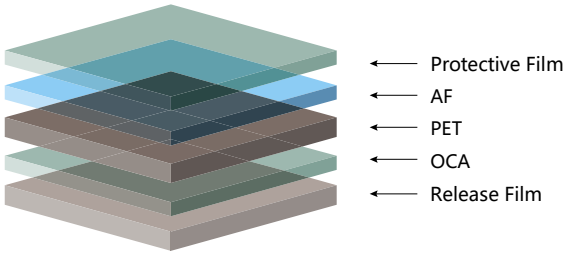
Features

- It is made of PET as the base material, composite AF coating and OCA.
- Hardness and Good abrasion resistance.
- High transparency and good hydrophobic.

Applications

- The surfaces of mobile phones, laptops, tablets and other display screens play an explosion-proof role.

Product Structure



Typical Product Physical Properties

Product Number	Hardness (500g)	WCA	Abrasion (Steel velvet) (1kg)	LAB			OCA Peel Strength (steel plate)	PF Uncovering Force (gf/inch)	Warping (16cm×12cm)	Transmittance (%)	Haze (%)
				L	a	b					
SDK1025N-4	3H	110°	≥1500次	96.72	0.17	-1.57	≥1000g/25mm	5-7	≤5mm	91.2	0.7

Inner Explosion-proof Film

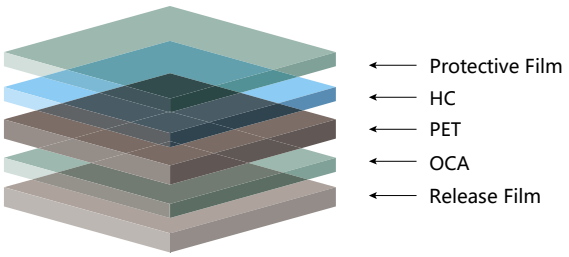
Features

- It is made of PET as the base material, composite printable hard coating and OCA.
- The design of the coating particle size and surface energy can be used to reduce the rainbow pattern phenomenon and improve screen life.

Applications

- It is mainly used in various display inner explosion-proof membranes.

Product Structure



Typical Product Physical Properties

Product Number	Hardness	WCA	Dyne Value	OCA Peel Strength (steel plate)	PF Uncovering Force (gf/inch)	Warping (16cm×12cm)	Transmittance (%)	Haze (%)
SDK125T-HC-BG	H	60-70°	≥36	≥1000g/25mm	5-7	≤5mm	91	0.6

Low Flash Point AGAF Film

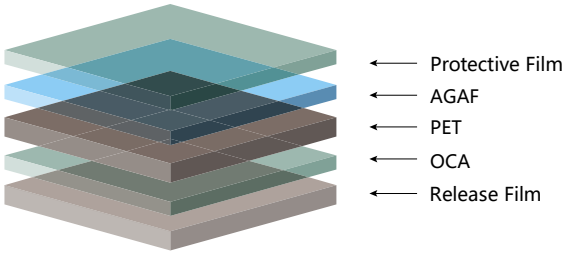
Features

- It is made of PET as the base material, composite AGAF coating and OCA.
- Effectively prevent glare, fingerprints and oil stains not easy to adhere
- Though the control of particle size and distribution of coating to achieve low flash point, low haze , ultra-high wear resistance.

Applications

- This product is mainly used for vehicle mounted protective film to improve the anti glare performance of vehicle mounted display surface and screen protection.

Product Structure



Typical Product Physical Properties

Product number	Hardness (500g)	Reflectivity @550nm	WCA	Abrasion (Steel velvet) (1kg)	LAB a	LAB b	OCA Peel Strength (steel plate)	PF Uncovering Force (gf/inch)	Transmittance (%)	Haze (%)
SDK1025AG-3	3H	4.4%	110°	≥3000 times	0.17	-1.57	≥1000g/25mm	2-4	91.7	2.32
SDK1225AG-7	3H	4.3%	110°	≥3000 times	0.23	-1.89	≥1000g/25mm	2-4	91.6	5.92

AGAF Film

Features

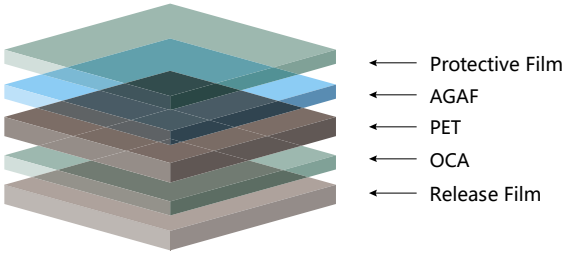
- It is made of PET as the base material, composite AGAF coating and OCA.
- Effectively prevent glare, fingerprints and oil stains not easy to adhere.
- Though the control of particle size and distribution of coating to achieve ultra-high wear resistance.

Applications

- It is mainly used in electronic blackboard, computer, mobile phone, handwriting board and other screen displays.




Product Structure



Typical Product Physical Properties

Product Number	Hardness	Adhesion	WCA	Abrasion (Steel velvet) (500g)	Gloss (60°)	Transmittance (%)	Haze (%)
SDK125T-HAG-8	3H	5B	108°	≥500 times	95%	91.7	12.32
SDK125T-HAG-8	3H	5B	108°	≥500 times	75%	90.2	15.42
SDK125T-HAG-8	3H	5B	110°	≥500 times	34%	89.2	32.12

AR/LR Film

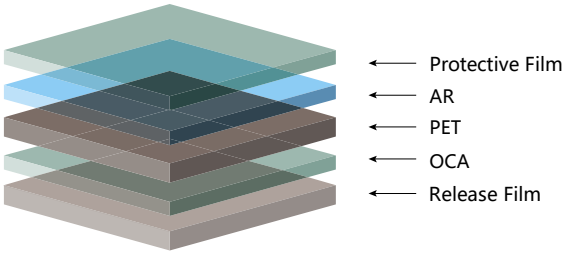
Features

- Through the structural design of AR coating, it can effectively reduce the reflected light of the screen, increase visibility and clarity, and has high wear resistance.
- It can be used to protect folded and flexible screens.

Applications

- Protective stickers mainly used for folding/straight panel display.

Product Structure



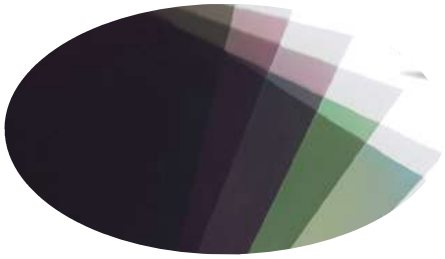
Typical Product Physical Properties

Product Number	Hardness	Reflectivity @550nm	Dynamic Friction Coefficient	WCA	Abrasion (Steel Velvet) (1kg)	Substrate Thickness (μm)	Transmittance (%)	Haze (%)
SDK AR	H	0.8%	0.13	111°	1000 times OK	50	94.3	0.59
SDK LR	H	1.7%	0.15	111°	1000 times OK	50	93.5	0.4

Polarizer Protective Film

Features

- The adhesive surface and film surface have dual antistatic effect.
- Antistatic value adjustability (e4~e11 Ω).
- Viscosity adjustability (3~50 gf/inch).
- It has excellent adhesion stability and peeling property.



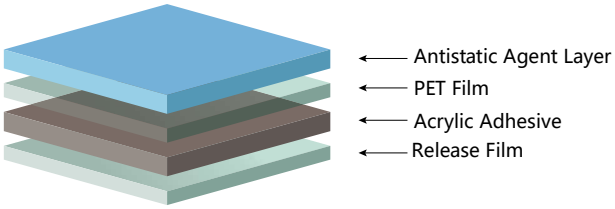
Applications

- Protection of optical film and TN STN TFT polarizer, glass, display screen, LCD and other related components.

Touch screen protective film

CRT display protective film

Product Structure



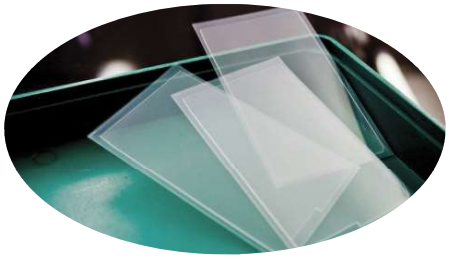
Typical Product Physical Properties

Product Number	Substrate Thickness (μm)	Adhesion (gf/inch)	Transmittance (%)	Haze (%)	Adhesive-Side Impedance Value (Ω/sq)
SDK2K82A-E(POL)-SDK	0.05	6±3	≥88	≤5	10^9-10^{10}
SDK2283-E4 (Fourth Resistance) -11-J	0.05	6 - 12	/	/	$<10^9$
SDK2K82A-E(POL)-SDK-J	0.05	6±3	≥88	≤5	10^9-10^{10}

Polarizer Release Film

Features

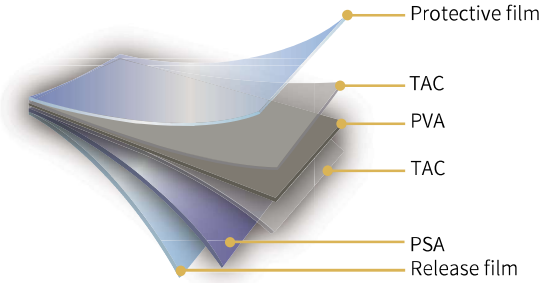
- Excellent peeling performance.
- Good transparency.
- Excellent stability.



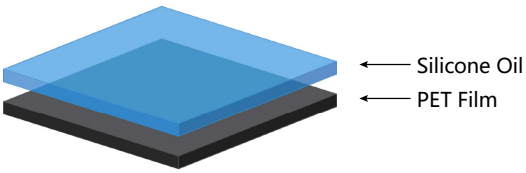
Applications

- Used in the manufacturing process of LCD panels, optical films, ceramic capacitors, and others for optical and electronic products.

Polarizing film for LCD panel



Product Structure



Typical Product Physical Properties

Product Number	Base Material Thickness (μm)	Release force at Room Temperature (gf/inch, 24h)	Remain (%)	Transmittance/Haze (%)	Thermal Shrinkage (%)
SDK50T-T2-G5	0.05	10±3	≥85	≥89/≤5	MD < 1.5 TD < 1.0
SDK38T-T2-G5	0.038	10±3	≥85	≥89/≤5	MD < 1.5 TD < 1.0

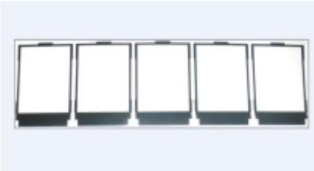
Light Shielding Tape

Features

- The light-shielding tape is a double-sided tape. It is designed with a combination of black black or black-white PET substrates, which can effectively block light from penetrating.

Applications

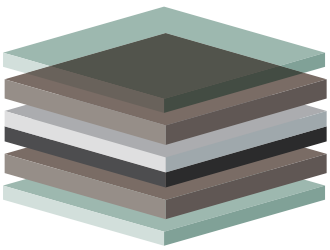
- Used to strengthen the fixing of the bonding place of the electronic product screen to prevent light leakage.



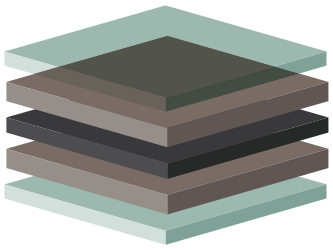
Die-cut finished product

Shading on the side of the LCD frame

Product Structure



← Release Film
← Acrylic Adhesive
← Black / White PET Film
← Acrylic Adhesive
← Release Film



← Release Film
← Acrylic Adhesive
← Black PET Film
← Acrylic Adhesive
← Release Film

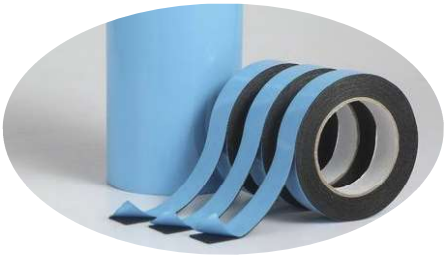
Typical Product Physical Properties

Product Number	Adhesive Type	Backing Type	Thickness (μm)	Color	Transmittance (%)	Peel Strength of Steel Plate A (gf/inch)	Peel Strength of Steel Plate B (gf/inch)	Cohesion (H)
SDK005BB	Arylic	PET	55±5	Balck	≤0.1	1000±300	1700±300	<24
SDK005BB-5	Arylic	PET	50±5	Balck	≤0.1	1700±300	1700±300	>24
SDK005BB-6	Arylic	PET	50±5	Balck	≤0.1	2100±300	1000±300	>24
SDK006BB	Arylic	PET	60±5	Balck	≤0.1	3300±300	1100±300	>24
SDK006BB-6	Arylic	PET	60±5	Balck	≤0.1	2100±300	2100±300	>24
SDK006BB-7	Arylic	PET	60±5	Balck	≤0.1	1600±300	600±200	>24
SDK006BB-8	Arylic	PET	60±5	Balck	≤0.1	1500±300	1500±300	>24
SDK008BB-1	Arylic	PET	80±5	Balck	≤0.1	2000±300	2000±300	>24
SDK010BB	Arylic	PET	100±5	Balck	≤0.1	2100±300	2000±300	>24

Foam Tape

Features

- Anti-stress buffer performance.
- Modified acrylic adhesive, good adhesion, temperature and weather resistance.
- Good die-cutting performance.



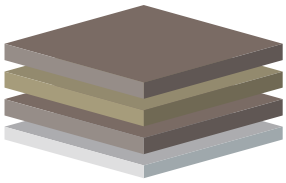
Applications

- Bonding and fixing (metal, glass, plastic sheet, foam, and such others).
- Fixing and bonding of parts (LCD nameplate, notebook, mobile phone, and such others).

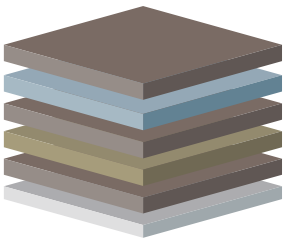
Frame glue

Fixing and bonding of parts

Product Structure



- Modified Acrylic Adhesive
- PET
- Modified Acrylic Adhesive
- SDK LOGO Release Paper



- High Performance Acrylic Adhesive---Face A
- Foam
- High Performance Acrylic Adhesive
- PET
- High Performance Acrylic Adhesive---Face B
- SDK LOGO Release Paper

Typical Product Physical Properties

Product Number	Color	Backing Type	Tapes Thickness (μm)	Initial Adhesion (gf/inch)	Cohesion (H)
SDK81330BT	Black	PET	300±20	>2500	>24
SDK83025B-B	Black	Foam	250±30	>1500	>24
SDK96520-Y	Black	PET	200±10	>400	>24

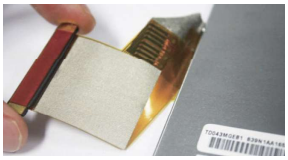
Conductive Tape

Features

- The conductive tape uses a conductive flexible material as a carrier, has relatively high tensile strength, and its flexibility can meet various applications. Its excellent axial conductivity and bonding ability are the quality assurance of use.
- The shielding tape uses copper foil, aluminum foil, and other metal foil backing with shielding function, and it is matched with conductive glue to have an excellent electromagnetic shielding effect.

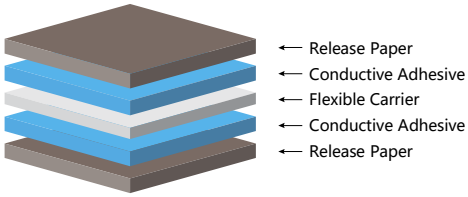
Applications

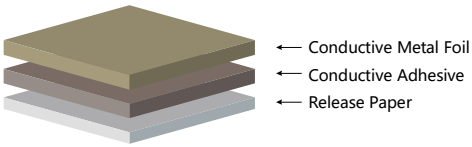
- Suitable for all kinds of EMI shielding applications and conductive connections, and can also meet part of the heat dissipation requirements.



Conductive bonding

Product Structure





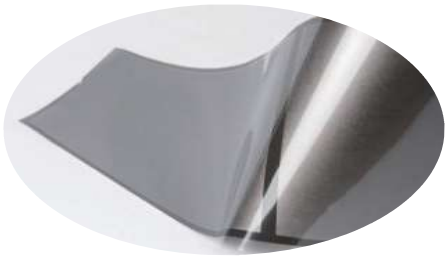
Typical Product Physical Properties

Product Number	Adhesive Type	Backing Type	Thickness (μm)	Color	Initial Adhesion (gf/inch)	Peeling Force (gf/inch)	Cohesion (H)
CS-W3	Conductive adhesive	No substrate	30±10	Grey	>900	>900	>72
CS-W5	Conductive adhesive	No substrate	42±10	Grey	>900	>1000	>24
SDK6045	Conductive adhesive	No substrate	45±10	Grey	>1300	>1400	>24
SDK6235	Conductive adhesive	Aluminum foil	66±10	Grey	/	>1000	/
CS-AL-25	Conductive adhesive	Aluminum foil	53±10	Grey	/	>1000	/
CS-AL-5	Conductive adhesive	Aluminum foil	85±10	Grey	/	>1000	/
TS-AL-5020	Conductive adhesive	Aluminum foil +PET	100±3	Grey	/	>1200	/
CS-AL-10-C	Conductive adhesive	Aluminum foil	128±5	Grey	/	>1000	>24
CS-AL-10	Conductive adhesive	Aluminum foil	130±10	Grey	/	>1000	/
SDK61045	Conductive adhesive	Copper foil	45±3	Yellow	/	>1000	/
SDK65080	Conductive adhesive	Conductive nonwoven fabric	75±8	Grey	/	>1000	/
TS-AL-10-Q3	Conductive adhesive	Aluminum foil	135±3	Grey	/	>1000	/

Graphite

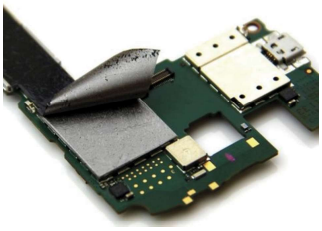
Features

- High thermal conductivity.
- light weight.
- Easy to process, flexible and smooth attached to any plane and curved surface.
- Temperature resistance between -40~400°C.

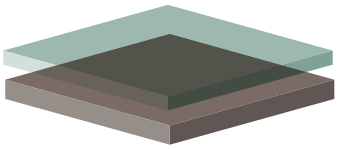


Applications

- For OLED screen heat dissipation.



Product Structure



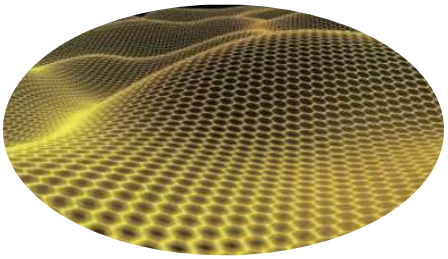
Typical Product Physical Properties

Product Number	Thickness (μm)	Thermal Conductivity W/(m.K)	Thermal Diffusivity (cm^2/s)	Density (g/cm^3)	Operating Temperature (°C)	Specific Heat (50°C) J/gK	Tensile Strength (MPa)	Bending Strength (R5/180 Times)	Conductivity (S/cm)
SDK GS17	0.017±0.002	1400-1700	9-10	2.0-2.3	-440	0.85	30	> 10000	20000
SDK GS25A	0.025±0.003	1300-1600	8-9	1.9-2.1	-440	0.85	22	> 10000	20000
SDK GS25D	0.025±0.003	1200-1400	8-9	1.9-2.1	-440	0.85	22	> 10000	20000
SDK GS40	0.04±0.005	1100-1300	7-8	1.7-2.0	-440	0.85	22	> 10000	20000
SDK GS70	0.07±0.010	800-1000	6-8	1.1-1.4	-440	0.85	20	> 10000	20000

Graphene

Features

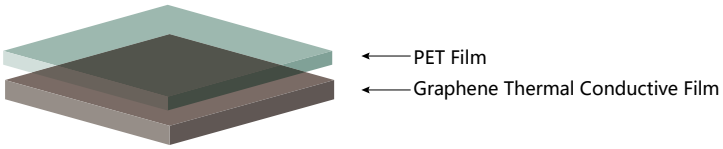
- High carrier mobility.
- Excellent electrical and thermal conductivity.
- SDK' s special materials and processes can effectively improve the layer gap of graphene and improve the thermal conductivity.



Applications

- For OLED screen heat dissipation.

Product Structure



Typical Product Physical Properties

Product Number	Thickness (um)	Color	Thermalconductivity (W/m.K) X、Y	Thermalconductivity (W/m.K) Z	Thermal Diffusivity (mm²/s)	Density (g/cm³)	Temperature (°C)	Specific Heat (50 °C, J/g.K)	Tensile Strength (Mpa) X、Y	Tensile Strength (Mpa) Z	Bending Test (R5/180°times)	Conductivity (S/cm)
SDK GFH40	40±5	Silver gray	> 1300	15	900~1000	2.0±0.1	400	0.85	20	0.4	100000	20000
SDK GFH50	50±5	Silver gray	> 1300	15	900~1000	2.0±0.1	400	0.85	20	0.4	100000	20000
SDK GFH65	65±5	Silver gray	> 1300	15	900~1000	2.0±0.1	400	0.85	20	0.4	100000	20000

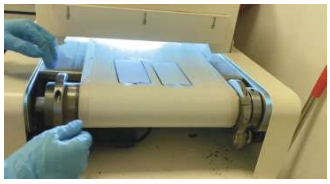
UV Dicing Tape

Features

- U.V. debonding tape adopts a particular design and formula, it can automatically reduce the adhesion after being irradiated by ultraviolet light, and it will be de-bonded from the sticking surface.

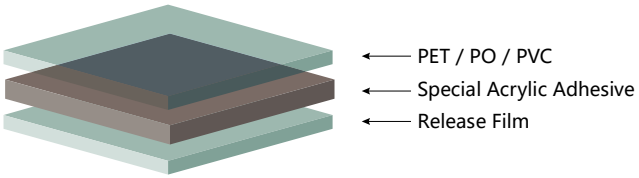
Applications

- Suitable for all temporary protections, used for bonding applications that reduce viscosity and dissociation, such as temporary fixation or surface protection in the manufacturing process.



UV debonding process

Product Structure



Typical Product Physical Properties

Product Number	Adhesive Type	Backing Type	Thickness (μm)	Color	Peeling Force (gf/inch)	Initial Adhesion (gf/inch)	Peeling Force After U.V. Irradiation (gf/inch)	Antistatic Value (Ω)
SDK2200UV	UV Type Acrylic	PET	65±5	Transparent	>1500	≥100	≤15	Adhesive-Side $<10^{11}$ Surface $<10^{11}$
SDK2200UV-P-3		PET	100±5	Transparent	>2200	≥100	≤20	Surface $<10^{9}$
SDK2408UV		PET	100±5	Transparent	>1000	800±300	≤15	/
SDK2302UV		PET	155±5	Transparent	1400±400	≥100	≤20	/
SDK2100UV		PET+BOPP	200±5	Transparent	1400±400	≥100	≤20	/

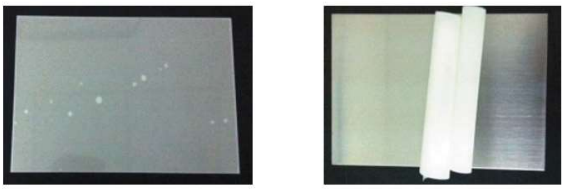
Thermal Release Tape

Features

- Heat debonding tape is based on ordinary adhesive tape; adding pyrolytic dissociation components in the formula that can automatically reduce viscosity and dissociation when the external temperature is high to a certain level.

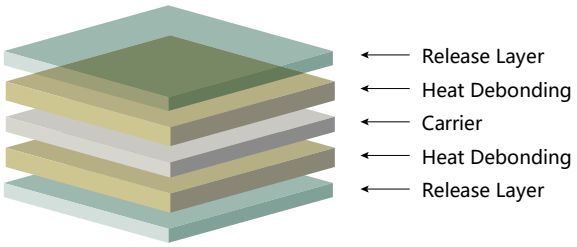
Applications

- Suitable for all kinds of temporary protection, used for bonding applications that reduce viscosity and dissociation, such as temporary fixation or surface protection in the manufacturing process.



Surface protection

Product Structure



Typical Product Physical Properties

Product Number	Type	Backing Type	Adhesive Type	Thickness (μm)	Peeling Force (gf/inch)
SDK2306HR	One side	PET	Arylic	82	300±100
SDK2309HR-Y	One side	PET	Arylic	100	> 800
SDK2308HR-1	One side	PET	Arylic	95	300±200

Acid-resistant Protective Film

Features

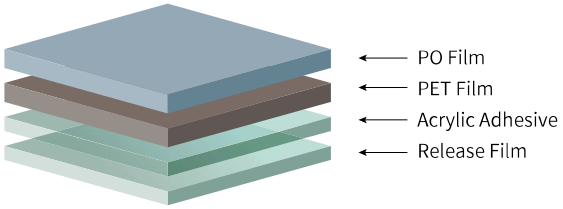
- The protective film is resistant to hydrofluoric acid.
- Has excellent bonding stability and peel ability, no adhesive residue.
- Adhesive is compatible with ITO, no corrosion.

Applications

- Used for acid-resistant process protection, such as touch panel OGS secondary strengthening process.

Protective film for Mobile phone

Product Structure

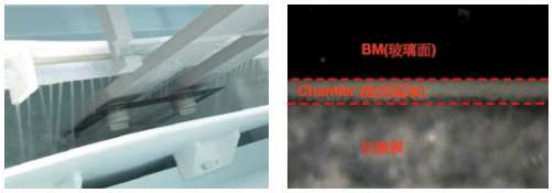


Typical Product Physical Properties

Product Number	Adhesive Type	Backing Type	Base Material Thickness (μm)	Thickness (μm)	HF Resistance Strength (%)
SDK7720	Acrylic	PVC	190	200	< 20
SDK2507C-1	Acrylic	PET/PO	90/100	230	< 20
SDK2544HF	Acrylic	PET/PO	90/100	245	< 20
SDK2404C	Acrylic	PET	90	115	< 20
SDK2405C	Acrylic	PET	90	110	< 20
SDK2207-54	Acrylic	PET	50	60	< 20

SDK2507 Hydrofluoric Acid Resistance Performance Test

- laminate the SDK2507 on both sides of the glass and soak it in 20% hydrofluoric acid for 30 minutes at room temperature. There is no corrosion residue on the surface of C.G. and S.G. through testing.



Heat Resistant Protective Film

Features

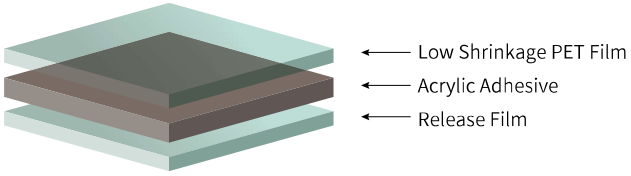
- Use low shrinkage PET backing.
- Excellent high-temperature resistance (150° C -220° C) function, no glue residue after high temperature.
- It has stable bonding strength and weather resistance. The thickness and bonding strength can be adjusted according to the customer's specification.
- PET shrinkage rate MD/TD can be adjusted according to customer's application occasions.

Applications

- Used for process protection that requires high-temperature resistance, such as ink printing protection in mobile phone/PDA cover process, PVD process, or ITO film process protection.

Cell phone cover ink printing protection

Product Structure

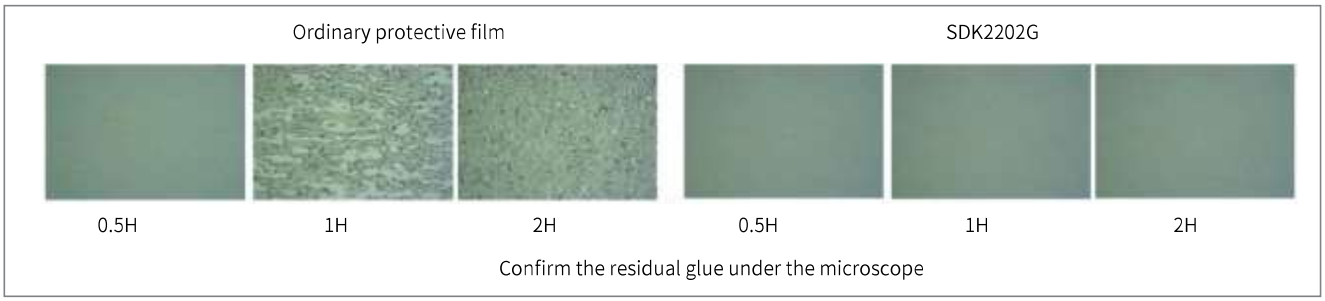


Typical Product Physical Properties

Product Number	Adhesive Type	Backing Type	Thickness (μm)	Peeling Force (gf/inch)	Heat Resistance (° C)	MDShrinkage (%)	TDShrinkage (%)	Color
SDK27K01J	PU	PET	15	3-8	180			
SDK2201G	Acrylic	PET	60	1~3	150	0.2	0.1	Transparent
SDK2202G	Acrylic	PET	60	3~6	150	0.2	0.1	Transparent

High-Temperature Test

- After laminating the protective film on the glass and baking at 150°/24h, there is no residue on the glass.



MP Process Film

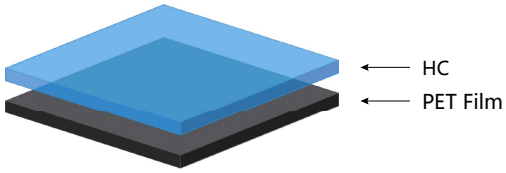
Features

- It is made of PET as the base material, composite hard coating and AB adhesive.
- The surface pencil hardness can reach H, play a protective role in the cell phone manufacture procedure.

Applications

- It is mainly applied to the protective film on the external surface of various mobile phones.

Product Structure



Typical Product Physical Properties

Product Number	Hardness	Base Material thickness (μm)	Transmittance (%)	Haze (%)
SDK 50T-HC-5S	H	50	91	0.38
SDK 50T-AB-AT	H	50	91	0.35

Anti-static Protective Film

Features

- Excellent antistatic ability.
- Made in Class 1000 clean coating rooms. Products have stable bonding strength and weather resistance.
- Thickness and bonding strength can be adjusted according to the customer's requirement.
- The antistatic coating surface is available for customers to make special choices according to their own usage scenarios.

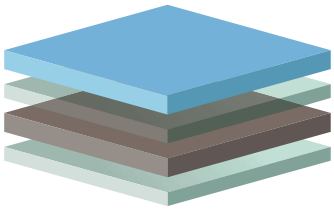
Applications

- Suitable for the manufacturing process and shipment protection for TN/STN/TFT polarizers, optical films, and display product.

Touch screen protective film

CRT monitor protective film

Product Structure



Typical Product Physical Properties

Product Number	Adhesive Type	Backing Type	Thickness (μm)	Peeling Force (gf/inch)	Adhesive-Side Impedance Value (Ω/sq)	Surface Impedance (Ω/sq)	Peeling Voltage (KV)	Color	Special Property
TR-1001-H4P-E4P	Arylic	PET	115	100~200	/	4~8	/	Transparent	Film resistance
SDK2282	Arylic	PET	60	3~6	8-11	/	<500	Transparent	Glue resistance
SDK2284L-E9	Arylic	PET	69	3~13	≤9	≤9	<500	Transparent	Double resistance
SDK2395B-TP	Silicone	PET	85	20~25	/	6~9	/	Blue	Film resistance
SDK2392-DE	Silicone	PET	85	3~6	9~11	6~9	<500	Transparent/ Blue	Double resistance
SDK2291FX-D3	Silicone	PET	58	1-4	/	6-9	/	Transparent	Film resistance
TR-7501-LLLG blue-DE	Silicone	PET	85	1~3.5	9-11	6-9	<500	Blue	Double resistance
SDK2K91X3 blue	Silicone	PET	84	1~3	/	<9	/	Blue	Film resistance
SDK2291S1-2	Silicone	PET	60	1-3	/	/	/	Transparent	/
SDK2282T	PU	PET	60	3~6	9-11	/	<500	Transparent	Glue resistance

PU Protective Film

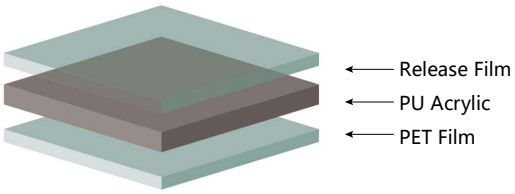
Features

- Excellent exhaust performance, stable viscosity.
- Die cutting without powder chips.
- No silicon transfer, fogging, color difference shadow;
- The adhesive surface and film surface can be anti-static treated.

Applications

- Protection of glass, touch screen components and ITO film products; For CPI mode switching film.

Product Structure

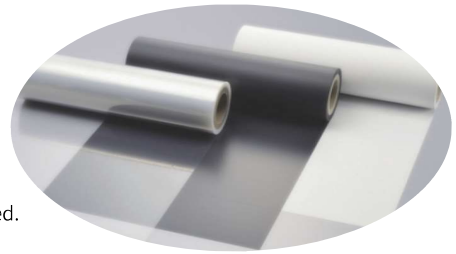


Typical Product Physical Properties

Product Number	Thickness (μm)	Transmittance (%)	Adhesive-Side Impedance Value (Ω/sq)	Peeling Strength (gf/inch)
SDK2291T	65±5	≥85	/	< 3
TR-5001-LLP-J(25Non silicon)	56±3	/	< 106	4.5±1.5
SDK2282T(T90)	58±3	/	108-1011	5.5±2.5

Printable Functional Protective Material

Features

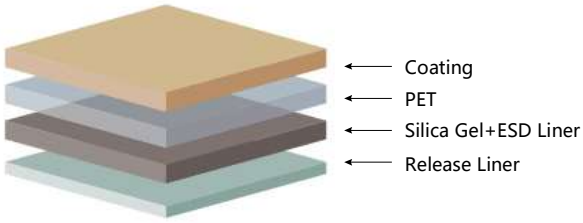


- Special hard coating treatment, the surface can be recoated printing ink.
- Silicone layer has anti-static function which can effectively avoid electrostatic damage components and prevent dust adsorption.
- The use layer has scratch resistance which will not be easily scratched.
- Silicone layer has automatic adsorption on screen glass and the air bubbles can quickly expeled.

Applications

- Protection of glass, touch screen components and ITO film products.

Product Structure



Typical Product Physical Properties

Product Number	Base Material Thickness (μm)	Adhesive Thickness (μm)	Peeling Force (gf/inch)	Transmittance (%)	Haze (%)
SDK2491HC-EB	100	28	3±2	≥90	≤1.5
SDK100T-HC(Printable)	100	2	/	≥90	≤1

High transmittance, anti-glare and scratch resistance protective material

Features

High transmittance and scratch resistance

- It is made of ultra transparent PET substrate and coated in a 100 class clean room.
- Special HC hardening treatment, slight rainbow grain, 3H scratch resistance, few crystal points.
- The silica gel layer can automatically adsorb the screen glass, which can be applied to the simple screen radian and maintain the function of rapid exhaust bubble.

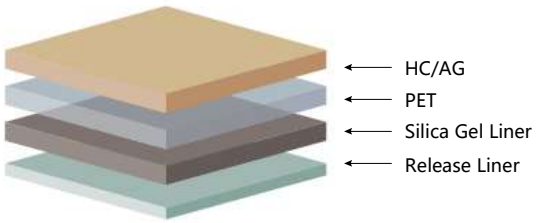
Anti-Glare and scratch resistance

- Special AG+HC hardening treatment, surface frosting and anti glare effect.
- Effectively reduce glare and damage to eyes.
- The use layer is scratch resistant and will not be easily scratched.
- The silica gel layer can automatically adsorb the screen glass, which can be applied to the simple screen radian and maintain the function of rapid exhaust bubble.

Applications

- Function protection for display.

Product Structure



Typical Product Physical Properties

Product Number	Type	Color	Base Material Thickness (μm)	Total Thickness (μm)	Peeling Force (gf/inch)	Transmittance (%)	Haze (%)
SDK2491HC-A	High permeability and scratch resistant film	Transparent	100	125±5	3±2.5	> 92	< 1.5
SDK2491HC-AG	Anti glare and anti scratch film	Transparent	100	125±10	< 3	> 90	< 12±2

Highly Transparent Film

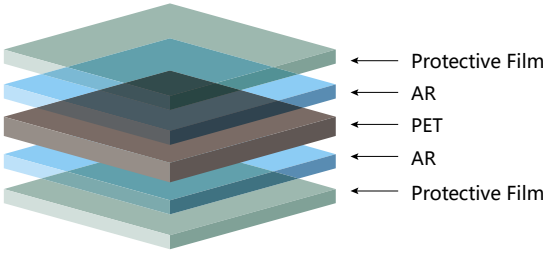
Features

- It is made of PET as the base material, composite AR coating and OCA.
- High light transmittance and good wear resistance.
- Can be used to protect the camera process of mobile phones.

Applications

- It is mainly used for mobile camera protective stickers.

Product Structure



Typical Product Physical Properties

Product Number	AR face	Base Material Thickness (μm)	Transmittance (%)	Haze (%)
SDK 50T-AR-B97	Printable	50	97	0.5

SDK
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