



Shenzhen Taile glue CO.,Ltd



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Electronic & Industrial Adhesive Solution Provider

CONTENTS

About Us

Company Profile

Products

R&D Office and Corporate Structure Chart	02
Bonding Solutions	13
Sealants	15
Potting Compounds	18
Thermal Conductivity Solutions	21
Conformal Coating Materials	22
Conductive Materials	23
Specialty Adhesives	24



ABOUT US

Shenzhen Taile Glue Co., Ltd. is a high-tech enterprise dedicated to the R&D, production and sales of polymer new materials, electronic and industrial adhesives. We have been deeply involved in the adhesive industry for fifteen years and has established R&D and production base in Shenzhen Low-Carbon Industrial Park.

Our product lines cover silicone, epoxy resin, polyurethane, acrylic resin and other series. We own a modern industrial park, R&D center, analysis and testing center, and a complete quality management system, committed to providing global partners with technical processes and product solutions for industries such as new energy vehicles, consumer electronics, home appliances, drones, communication equipment, rail transit, medical, aerospace and military.

Our products include cyanoacrylate, structural adhesives, UV-curable adhesives, hot melt adhesives, MS modified silane sealants, foam adhesives, nano materials, conformal coating materials, conductive adhesives, thermal conductive materials, potting compounds, etc., providing customers with application solutions for bonding, potting, sealing, conformal coating, conductivity, thermal conductivity, etc.

Based in Guangdong, Jiahe Group has established offices in Southwest and East China, and has set up a foreign trade business division, with products exported worldwide.



VISION

Become a high-profit and happy enterprise
Employees become respected managers
Contribute to social progress

Align with Heaven's Way, Follow the People's Heart. Respect Nature, Cherish Humanity.



CORPORATE CULTURE

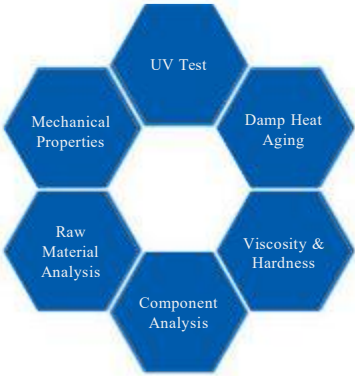
Six Precepts

1. Exert efforts no less than anyone else
2. Be humble, not arrogant
3. Reflect on yourself every day
4. Be grateful for living
5. Accumulate good deeds, think of benefiting others
6. Do not have emotional worries

Product R&D Laboratory









Product Coverage

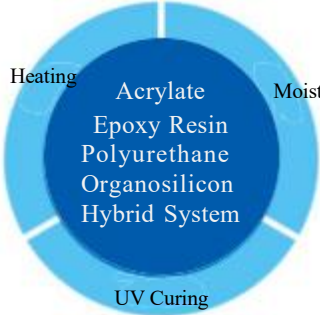
Structural Bonding

Potting Products

Protective Coating

Sealing Products

Underfill Products



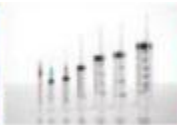
Conductive Products

Encapsulation Protection

Reinforcement Protection

Waterproof Protection

Thermal Conductive Products

Automotive	Medical Care	Electronics/ Circuit	Semiconductor	Renewable Energy	White Goods	Telecommunica- tions/Communi- cation
						

Shenzhen Jiaohu New Materials Group Co., Ltd.

Board of Directors				
General Manager				
Comprehensive Management Center	Financial Control Center	Supply Chain Management Center	Technology Quality Center	Marketing Operations Center
Administration Department	Accounting Department	Purchasing Department	R&D Department	Marketing Department
Human Resources Department	Cost Control Department	Warehousing & Logistics Department	Quality Inspection Department	Sales Department

Enterprise Certifications



Bonding Solutions - Acrylic Structural Adhesive

This product features fast fixing at room temperature, shorter curing time, ultra-high shear strength and tensile strength, good peel and impact resistance, good high temperature resistance up to +120°C. Special grade products can withstand temperatures above +150°C, and can bond a variety of different materials such as metal, glass, ceramic or any combination.



Model	Mixed Color	Mix Ratio	Shear Strength (≥MPa)	Initial Cure Time (min/25°C)	Applied Industries	Application Point	Product Advantages
8805	Light blue	10:1	20	5-6	Laptop and mobile phone	Shell bonding	Resistant to harsh environmental testing
1167	Light blue	10:1	20	7-8	Laptop and mobile phone	Shell bonding	Good flexibility, long open time
1585	Light blue	10:1	20	5-6	Laptop and mobile phone	Shell bonding	Low odor
1005	White	10:1	5	6-8	Laptop and mobile phone	Shell bonding	Bonding PP, PE and other hard-to-bond materials
1810	Light green	1:1	20	7-9	Laptop and mobile phone	Shell bonding	Low odor
8540	Light blue	10:1	18	8-10	Automotive lightweighting, rail transit	SMC, FRP + stainless steel, aluminum + magnet	Good flexibility, drop resistance
1518	Light Yellow	1:1	15	11-13	Conventional industrial, general purpose	Fiberglass, aluminum stainless steel, MBS	Long open time, temperature resistance 220°C
1300	Light green	1:1	20	25-35	Automotive interior	Interior parts	Long open time, high strength
1486	Light blue	10:1	15	14-19	Rail transit, vehicle lightweighting	Composite materials, metal bonding	Long open time
1902	Light blue	10:1	15	25-35	Rail transit, vehicle lightweighting	Composite materials, metal bonding	Long open time
1516	Transparent	1:1	18-22	4-6	General-purpose plastic and metal bonding	Automotive electronics	Low odor, high bonding strength, suitable for conventional plastics and metals
204	Pink	20:0.7	30 (Torque)	5-10	Pre-applied fastening	Standard parts, pre-applied fastening	No oil migration, no ammonia odor, high strength
680	Blackish green	/	25	15-25	Threadlocking	Threadlocking	High strength
326	Transparent	Single-component	18-22	120°C 1hr / 150°C 10min	Electric motor	Magnet bonding	Single-component anaerobic structural adhesive
648	Transparent	Single-component	20-30	5-10	Bearing motor	Threadlocking	Single-component anaerobic structural adhesive
638	Transparent	Single-component	20-30	10-15	Bearing motor	Threadlocking	Single-component anaerobic structural adhesive

Bonding Solutions - PUR Hot Melt Adhesive

PUR moisture-curing reactive polyurethane hot melt adhesive is environmentally friendly and solvent-free. It can be applied when heated, quickly positions upon cooling, and deep-cures and crosslinks when exposed to moisture. It features high bonding strength, good toughness, high and low temperature resistance, waterproof and aging resistance. It does not re-melt at high temperatures after curing, strongly bonds to panels, plastics, metals, leather, etc. It is widely used in high-end bonding fields such as edge banding, packaging, home appliances, automotive interiors, etc.



Model	Color	Viscosity (cps)	Open time	Shear strength	Elongation	Features
9650	Ivory white/black	3000-4500	3-4min	12Mpa	500%	General-purpose metal, plastic, bonding, PC bonding
9651	Light yellow/black	3000-4000	3-4min	11Mpa	560%	Plastic and metal, zinc alloy, magnet, stainless steel bonding
9669C	Ivory white/black	4000-5500	3-4min	11Mpa	660%	Short holding time bonding, hold pressure for 10 minutes, good sprayability
9889	Ivory white/black	3500-4500	3-5min	13 Mpa	560%	High strength, short holding time, good waterproof performance, plastic and metal
9120	Ivory white/black	3500-4500	2-3min	10Mpa	500%	Plastic bonding, PC bonding, fast drying
902C	Fully transparent	3000-5000	2-3min	10Mpa	500%	High transparency requirement bonding, completely transparent
9882W	White/black	3500-4500	3-4min	10Mpa	600%	Fast curing, good repairability, white with good elasticity
9608	Ivory white/black	5000-6000	2-3min	10Mpa	500%	High temperature resistance, no deformation at high temperature, low surface energy bonding
9601	Light white/black	5000-6000	2-3min	9Mpa	400%	No pressure holding, pressure-sensitive type, plastic-metal bonding
9600BK	Light white/black	4000-5000	5-8min	8Mpa	800%	Soft, can be used for seal rings, easy to rework
9612BK	Light white/black	4000-5500	3-4min	10Mpa	400%	High drop resistance requirement, high reliability, corrosion resistant
9312	Light white/black	6000-8000	1-2min	10Mpa	400%	In-vehicle screen bonding, high strength in 30 minutes
9619	Light white/black	5000-8000	2-3min	10Mpa	500%	Lithium battery edge folding bonding, high strength nylon
9901	Light white/black	6000-8000	15s	9Mpa	400%	Seamless underwear bonding
9166	Light white/black	3500-4500	3-4min	12Mpa	400%	Low surface energy plastic bonding, high strength
9819	Light white/black	4000-5000	1.5-2min	10Mpa	350%	Short pressure holding time for plastic, good flowability
9639	Transparent	8000	2-3min	5Mpa	350%	No surface treatment required for bonding PP

Bonding Solutions - Liquid PUR Adhesive

Liquid PUR adhesive is liquid at room temperature, and cures via one-component moisture curing without the need for heating. Compared with hot melt adhesives, its dispensing method is relatively simple, requires no heating, and achieves the strength of hot melt adhesives.



Model	Viscosity (cps)	Open Time (min)	Pull-out strength (MPa)	Shear strength	Elongation	Features
908BK	50000	5	3Mpa	5Mpa	400%	Plastic, metal bonding
TPO8	45000	3	3Mpa	5Mpa	300%	Plastic, quick bonding and fixing, easy to rework
909BK	45000	8	2.5Mpa	4Mpa	400%	Universal bonding for plastic and metal, component sealing and protection
8672	12000	10	6Mpa	10Mpa	500%	Bonding PC, plastic bonding, fast drying
8676	8000	50	6Mpa	12Mpa	450%	Plastic, metal bonding, slow drying
TP666	12000	15	6Mpa	12Mpa	300%	High strength bonding of ABS and nylon, high temperature resistance

► Modified Silicone (MS) Adhesive

Modified silicone (MS) adhesive can be used for component reinforcement, gap filling, sealing and waterproofing. It has excellent high temperature resistance and bonding strength, and provides good adhesion to difficult-to-bond soft materials such as silicone and rubber.

Model	Appearance	Application	Tack-free Time	Curing Method	Hardness	Shear Strength	Temperature Resistance	Application
8008	White/Black	Paste	10-15	Moisture	45A	2.0	-40~100	Cabin sealing and bonding, earphones
(8405)6042	Translucent	Paste	10-15	Moisture	45A	3.0	-50~200	Silicone, PVC, PC, metal
8609C	Translucent	Paste	10-15	Moisture	40A	3.5	-50~200	Food grade, silicone, PC
8808	Translucent	Semi-flowable	10-15	Moisture	30A	1.5	-40~100	Weld seam sealing and bonding, wire harness
8777	Translucent	Semi-flowable	10-15	Moisture	30A	3.0	-40~120	Rubber-to-plastic bonding



Bonding Solutions - Epoxy Adhesive

▶ Room-Temperature Curing High-Temperature Resistant Adhesive 211

211 is a 4:1 epoxy adhesive that cures at room temperature and is high temperature resistant. It has a light gray appearance, medium viscosity, and a long working time. After full curing, it offers low stress, good thermal shock resistance, mechanical and electrical properties, and can withstand exposure to various solvents and chemicals.

[Applicable substrates] Aluminum, steel and other metals, as well as various plastics and ceramics.

[Typical applications] Structural bonding and sealing of components in aerospace, rail transit EMU, and panel bonding of military shelters.



Jiaohe 211 Specifications	
Appearance	Light gray
Typical Viscosity (cps)	28000
Curing Conditions	Cure by heating or at room temperature after mixing
Temperature Resistance	-60 °C to 287 °C
Hardness	88D
Tg (°C)	127
Storage Conditions	12 months at room temperature

▶ Carbon Fiber Bonding Adhesive 420/460

Jiaohe 420 is a toughened 2:1 two-component epoxy adhesive with good toughness, high bonding strength, impact resistance, vibration resistance, good shear and peel strength, waterproof, oil-proof, and corrosion resistance. Temperature range -60 °C ~135 °C . Suitable for bonding various substrates, especially carbon fiber materials. Can replace mechanical fasteners, screws, rivets, spot welding, etc.

[Curing Process] Curing at room temperature after mixing; 75°C@1 hour; 65°C@2 hours.

[Typical Applications] Used for structural bonding and sealing of rigid materials, such as carbon fiber bicycles, drone bracket bonding, motor magnet patch, etc.



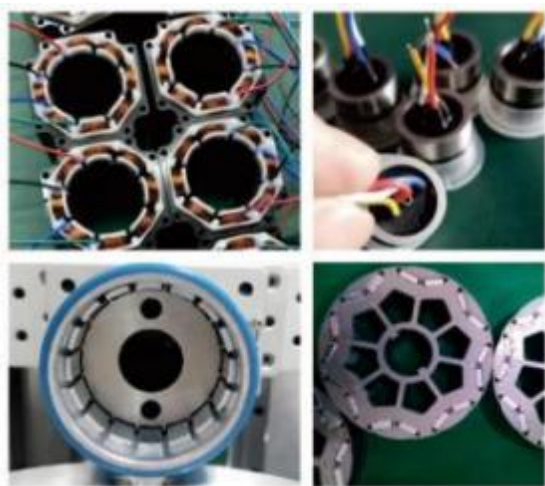
Jiaohe 420/460 Epoxy Adhesive Specifications		
Content	JH-420	JH-460
Appearance	Light amber semi-flowable liquid	Light amber liquid
Mix Ratio	2:1	2:1
Viscosity (cps)	30000	24000
Open Time (min)	20	30
Temperature Resistance (°C)	-60 to 135	-60 to 135
Tg (°C)	70	78
Steel Shear Strength (Mpa)	23.84	17.78
Storage Conditions	12 months at room temperature	12 months at room temperature

Bonding Solutions - Epoxy Adhesive

Jiaohe 20HP is a toughened epoxy adhesive that can replace imported E-20HP adhesive. After mixing components A and B, it cures at room temperature, forming a tough white adhesive layer with high peel strength and shear strength. After curing, it is resistant to most chemicals and solvents and is a good electrical insulator.

Curing process: Curing at room temperature after mixing.

Typical applications: Fixing electronic components, structural bonding of devices.



Jiaohe 20HP Specifications	
Appearance	Light yellow liquid
Typical Viscosity (cps)	50000
Mix Ratio	2:1
Curing Conditions	Curing at room temperature after mixing
Open Time	20min
Hardness	80D
Application	Bonding, potting
Storage Conditions	Ambient Temperature

► Bonding Solutions -Vibration-resistant High Temperature Epoxy Adhesive 218HP

218HP is a one-component epoxy adhesive, an aviation-grade adhesive that requires medium to high temperature curing. It does not flow when heated, and after curing forms a tough adhesive layer resistant to high temperatures up to 200 ° C. It provides excellent shear resistance, physical impact resistance, high and low temperature shock resistance, corrosion resistance, and insulation.

[Curing Process] 125°C@50min

[Typical Applications] Used for structural bonding of metal parts including coated magnetic materials, or bonding of aluminum sheets, motor magnet adhesive.



Jiaohe 218HP Specifications	
Appearance	White (Black)
Viscosity	18000
Tg (°C)	98
Hardness	83D
Temperature Resistance	-50 °C to 200 °C
Steel Shear Strength	28Mpa
Storage Conditions	2~8°C@12 months

Bonding Solutions - Epoxy Adhesive

» Bonding Solutions - One-Component Epoxy Adhesive

Model	Characteristics	Appearance	Viscosity (cps)	Curing Process	Tg (°C)	Temperature Resistance (°C)
202	Low temperature curing, resistant to double 85	Black liquid	5000	80°C@30min	42	-50~100°C
1021	Thixotropic structural adhesive, low temperature curing	White thixotropic semi-flowable paste	28000	80°C@30min	42	-50~100°C
218M-3	Cures at 80°C, resistant to high temperatures over 200°C	Light yellow paste	80000	80°C@30min	88	-40~220°C
215M	Cures at 100°C, vibration-resistant and high temperature resistant	Off-white semi-flowable paste	18,000	100°C@50min	98	-50~200°C
218M	Cures at 100°C, does not flow when heated	Off-white paste	80000	100°C@50min	98	-50~200°C
215HP	High strength, high temperature resistance	Off-white semi-flowable paste	18000	120°C@1h	98	-50~200°C
218HP	High temperature resistance, anti-sagging	Off-white paste	80000	120°C@1h	98	-50~200°C
212HP	High temperature resistance, high strength	Black semi-flowable paste	28000	125°C@50min	103	-40~180°C
1023	High temperature resistant potting compound	Black liquid	4200	130°C@1h	140	-50~280°C
219HP	High temperature resistance up to 300°C, high strength	Gray paste	440000	150°C@1h	195	-60~300°C
9432	High viscosity, high temperature resistance	Gray paste	250000	120°C@60min	98	-50~200°C
214HP	High temperature resistance, high strength	Gray paste	150000	120°C@2h	120	-50~180°C

» Bonding Solutions - Two-Component Epoxy Adhesive

Model	Scale	Curing time	Mixed viscosity	Hardness	Product Features	Main Applications
555AB	1:1	5min	5000-10000	70D±5	General type bonding, affordable	General bonding takes 5 minutes
79455AB-1	1:1	5min	8000-15000	70D±5	High temperature resistant fast curing (120°C/24h), strong adhesion, suitable for plastic and metal bonding	High temperature resistant bonding
11zrAB-1	1:1	2-3h	4000-8000	85D±5	Low halogen, good flow, plastic bonding	Connector bonding, fixing
11tlAB	1:1	1-1.5h	800	85D±5	DIY	DIY 1:1 craft adhesive, low viscosity, fast curing, good transparency, hardness 80-86D
139AB-1013	2:1	2-3h	100	85D±5	Shower head motor	Yellowing resistant and corrosion resistant, good permeability, suitable for shower heads
139AB-603-5	2:1	12-16h	200	85D±5	River table	River table series, high transparency, high hardness, slow curing type, suitable for large castings



Marble bonding
136AB



Product
reinforcement



Connectors



Sensor encapsulation
136AB-336



Jewelry diamond setting
136AB-19C



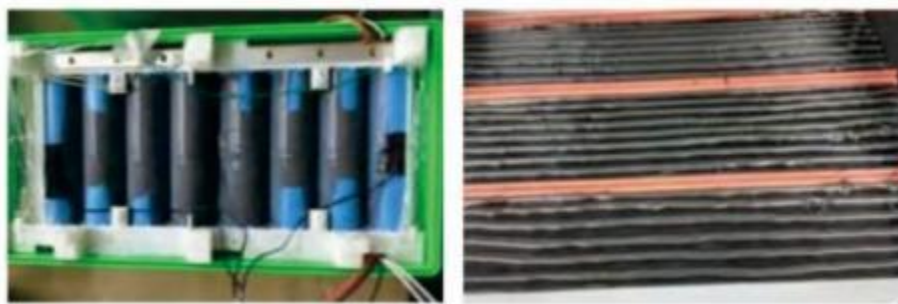
PVC wire bonding and
sealing



Bonding Solutions - Polyurethane Structural Adhesive

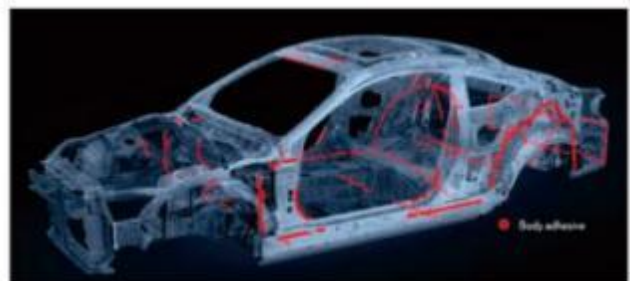
» Bonding Solutions - One-Component Polyurethane Structural Adhesive

Model	Color	Open Time	Initial Cure Time (min)	Full Cure Time (H)	Adhesive Strength (MPa)	Density (g/cm ³)	Product Description
580	Black	10-20	60-90	24-72	2.1	1.15	General purpose, moisture curing, sealing and bonding.
581	Black	30-45	90-120	24-72	3.2	1.2	General purpose, high strength, low viscosity, moisture curing.
583	Beige	2-5	15	24	2.8	1.3	Fast curing, very high initial tack, multiple uses



» Bonding Solutions - Two-Component Polyurethane Structural Adhesive

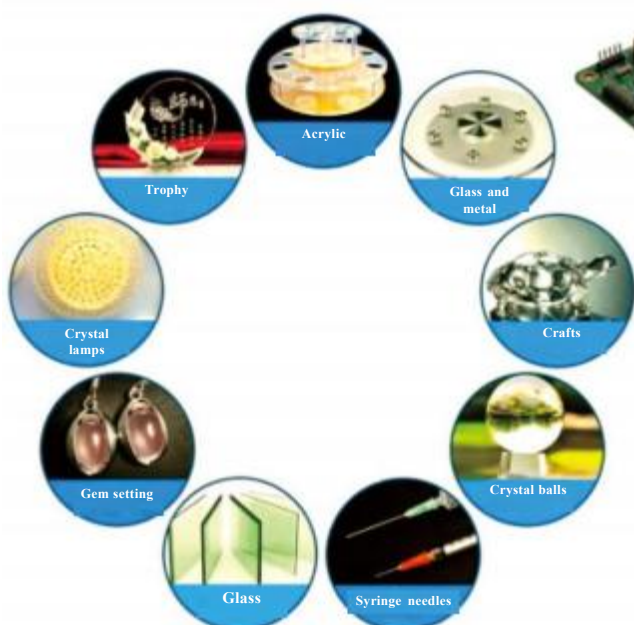
Model	Mix Ratio	Mixed Color	Mix Ratio	Hardness	Thermal Conductivity	Shear Strength	Tensile Strength
5622	1:1	Black	1.33	45	0.3	Al-Al:12.0	12.0
5580	1:1	Yellow	1.38	70	/	Al-Al:10.0	15.0
5581	1:1	Yellow	1.10	60	/	Al-Al:11.0	15.0



Bonding Solutions - UV Adhesive

UV (ultraviolet curing) adhesives and visible light curing adhesives are mainly composed of acrylic resins and photoinitiators. This series of products is one-component and can be used without mixing. Under irradiation of ultraviolet light of a certain wavelength, the photoinitiator decomposes to form free radicals, initiating polymerization to cure the adhesive. It features fast curing, high bonding strength, and wide adaptability to materials.

Model	Appearance	Viscosity (mPa · s)	Curing	Hardness	Shear Strength (MPa)	Typical Properties and Applications
3311	Transparent	250	1,500 mJ/cm ² (UVA)	80D	5 (PCPC)	Medical grade product, used for plastic bonding (ABS/PC/PVC/PETG)
3322	Transparent	19,000-23,000	800 mJ/cm ² (UVA)	65D	8 (PMMA)	TYPE-C data cable gap filling and sealing
3021	Translucent/Red	9,000- 10,000	800 mJ/cm ² (UVA)	70D	8 (PC/PC)	Used for mobile phones/computers/speakers
3320	Red	2,000	800mJ/cm ² (UVA)	65D	13 (Glass/Al)	Solder joint protection adhesive
3530	Transparent	14000	3,000mJ/cm ² (UVA)	80D	13 (Glass/Al)	LCD sealing/pin fixing
3830	Translucent	9,00- 1,000	800 mJ/cm ² (UVA)	80D	7 (Glass/Al)	FPC cable reinforcement
3831	Transparent	30,000	800mJ/cm ² (UVA)	80D	>8 (PC/SS)	Metal, plastic, glass bonding
3839	Transparent/Blue	36,000	800mJ/cm ² (UVA)	65D	6 (PC/PC)	TV frame, damping sealant, adhesive for LCD display frame



Bonding Solutions - Instant Adhesive

This series is a widely used industrial instant adhesive with fast curing and good flowability. For well-fitted, non-porous surfaces, metals, rubber, and plastic materials, it provides maximum bonding strength. Only a thin layer of adhesive is needed to utilize atmospheric humidity for high polymerization, achieving optimal strength.

Model	Viscosity	Initial Cure Time	Packing Size	Application
Ethyl based system				
401	40~80	10~20	20g, 1kg/bottle	General purpose medium viscosity, surface insensitive materials.
406	35~60	5~8	20g, 1kg/bottle	Bonding TPE data cable to ABS shell, PVC to PVC, PC, ABS, zinc alloy, etc. Suitable for materials with small gaps, contains flexible formula, low blooming, high strength.
411-B	60~80	5~8	20g, 1kg/bottle	Bonding silicone, soft PVC, PC, ABS, gummy, silicone rubber, TPU, etc. Silicone requires no surface treatment.
419	1000~1500	15~25	1kg/bottle	Bonding bakelite to carbon fiber, rubber, metal, etc. Used for billiard cues, tough, high strength.
480	800~1000	15~25	20g, 1kg/bottle	Bonding rubber, tire repair, ABS, metal, etc. Medium-high viscosity, low odor, low blooming, black instant adhesive with some flexibility.
4808	200~300	5~8	20g, 1kg/bottle	Bonding rubber, tire repair, black materials, metal, etc. Medium viscosity, low odor, low blooming, black instant adhesive with some flexibility. Faster than 480, comparable to Loctite 480, rubber base.
508	1000~1500	15~25	100g, 1kg/bottle	Bonding most PP, used in lighting, toys, hose bases, etc. PET bonding to metal, used in cosmetic tubes, caps. High density, high viscosity, low blooming.
411	200~250	8~15	20g, 1kg/bottle	Bonding magnets to ABS, metal to rubber, leather, jewelry, rhinestones, etc. Medium viscosity, flexibility. Compared to ethyl-based adhesives, 611 has lower blooming.
481	1000~1500	15~25	20g, 1kg/bottle	Bonding nylon, rubber, ABS, PVC, iron, copper, etc. High viscosity, suitable for materials with large gaps, flexible.
491	150~200	8~15	20g, 1kg/bottle	Bonding ABS, rubber, nylon, PVC, PC, iron, copper, aluminum, etc. A general-purpose adhesive.
416	200~250	8~15	20g, 1kg/bottle	Bonding silicone to metal, silicone to silicone, ABS, PVC. Silicone requires no treatment, high strength on metal.
M450	150-250	8~10	20g, 1kg/bottle	Soft adhesive, low blooming, low odor, good flexibility.
407-1	100-200	8~10	20g, 1kg/bottle	Special adhesive for silicone, low blooming, low odor.
4161	200~300	8~15	20g, 1kg/bottle	Bonding silicone to metal, silicone to silicone, gummy, TPE, etc. Silicone requires no treatment. Blooming is lower compared to 816.
4857	100~150	8~15	20g, 1kg/bottle	Bonding carbon fiber to carbon fiber, ABS, metal. Used in drones. Medium viscosity, no treatment required, high strength.
4412	3~5	5~15	20g, 1kg/bottle	Special adhesive for PP, bonding PP to PPT, PS, ABS, etc.
4412 稠	80~100	8~15	20g, 1kg/bottle	Special adhesive for PP, bonding PP to PPT, PS, ABS, etc. Higher viscosity compared to 9412, high strength for PP to metal.
4413	90~120	8~15	20g, 1kg/bottle	Bonding TPE data cable to ABS shell, PVC, PC, metal, etc. TPE requires no treatment.
4416-A	200~250	8~20	20g, 1kg/bottle	Bonding TPU to buttons, ABS, PVC, leather, metal, etc. Good moisture resistance.
4416	1000~1500	15~25	20g, 1kg/bottle	Bonding TPU to buttons, POM sleeve-type bonding. For materials with large gaps, good flexibility, good moisture resistance, shock and vibration resistance.
4417	90~120	8~15	20g, 1kg/bottle	Bonding POM to ABS, PVC, rubber, metal, etc. POM requires no treatment. Suitable for materials with small gaps.
4420	3~5	3~5	20g, 1kg/bottle	Bonding EPDM, PVC, nitrile rubber, door and window rubber sealing strips. Low blooming, fast speed.
498 High-temperature adhesive	400-600	8~20	20g, 1kg/bottle	Bonding stainless steel, aluminum alloy, galvanized copper, zinc alloy, polyurethane, rubber, PVC, ABS, PC, etc. 150°C for 2 hours, maximum tested 150°C for 5 hours, instant 180°C.
498H High-temperature adhesive	800~1000	10~20	20g, 1kg/bottle	Bonding stainless steel, aluminum alloy, galvanized copper, zinc alloy, polyurethane, rubber, PVC, ABS, PC, etc. 150°C for 2 hours, instant 180°C. Viscosity difference compared to 498 high-temperature adhesive.

Bonding Solutions - Instant Adhesive

Model	Viscosity	Initial Cure Time	Packing Size	Application
Methoxy based system				
460	100~150	8~15	20g, 1kg/bottle	High-end industries, industries with blooming requirements. Applications in electronic components, metals, plastics, electronic products. Ultra-low odor, ultra-low blooming.
403	800~1000	10~20	20g, 1kg/bottle	High-end industries, industries with blooming requirements. Applications in electronic components, metals, electronic products. Medium viscosity, ultra-low odor, ultra-low blooming.
4995	150~200	8~20	20g, 1kg/bottle	Bonding nickel-plated magnet to ABS, PVC, PC, etc. High temperature resistance up to 180°C, ultra-low odor, ultra-low blooming. Classic application: earphones, with requirements for appearance and strength.
419	30~60	5~8	20g, 1kg/bottle	High-end industries, industries with blooming requirements. Applications in electronic components, metals, electronic products. Low viscosity, ultra-low odor, ultra-low blooming.
439	1500~1800	15~30	20g, 1kg/bottle	High-end industries, industries with blooming requirements. Applications in electronic components, metals, electronic products. High viscosity, ultra-low odor, ultra-low blooming.
4803	1600	15~25	20g, 1kg/bottle	E-cigarette industry, applications such as ceramic to metal bonding. High viscosity, ultra-low odor, ultra-low blooming, more suitable for clean rooms.
Odorless L4380	100~150Cps	8~15	20g, 1kg/bottle	Black metal to rubber, rubber to rubber. Black instant adhesive with higher requirements for odor and blooming. Ultra-low odor, ultra-low blooming, comparable to Loctite 380.
Alkoxy based system				
8860	90~120	5~8	20g, 1kg/bottle	Comparable to Loctite 460, used for cameras, ultra-low blooming, ultra-low odor.
8803	800~1000	10~20	20g, 1kg/bottle	Comparable to Loctite 403, used for robot vacuum brush bonding to ABS, TPU, with ultra-low blooming and ultra-low odor.
Adhesive accessories				
770 Primer	-1	-1	20ml, 1000ml	Surface primer for silicone, silicone rubber, oily rubber
780 Primer	-1	-1	20ml, 1000ml	Surface treatment for materials such as PP, PE, silicone, oil-containing metals/plastics, etc., eco-friendly
7452 Accelerator	-1	-1	20ml 400/1000ml	Accelerator for product surface; apply accelerator, let it volatilize, then dispense adhesive; accelerates initial cure time of adhesive; eco-friendly
790 Debonder	-1	-1	20ml, 1000ml	It can remove 502 and AB adhesive; PUR removal requires soaking; check if the product can withstand soaking and whether corrosion occurs; test with a small quantity
G7920 Tackifier	-1	-1	20ml, 1000ml	Applies to various double-sided tapes, backing adhesives, tackifiers.



Bonding Solutions - One-Component Silicone Adhesive

This product is a condensation-curing one-component room temperature vulcanizing silicone rubber. Upon contact with moisture, it undergoes condensation crosslinking reaction, curing into a high-performance elastomer with a network structure, releasing small alcohol molecules. After curing, it exhibits excellent adhesion to metal, plastic, and ceramic surfaces.

This product is mainly used for automotive lamp sealing, power supply housing and power battery box sealing, LED lighting bonding and sealing, solar module sealing, and general-purpose sealing.

Product Features

Low volatility	Can be continuously used in the range of -50 ° C to 200 ° C
Good adhesion	Meets UL flame retardant requirements
Insulating, moisture-proof, non-swelling	Meets RoHS/REACH environmental requirements

Model	Color and State	Tack-free Time	Hardness	Adhesion Strength	Dielectric Strength	Application Temperature
6188	Black paste	≤20	40±5	Al-Al: ≥1.5	≥15	-50~200
6091	White, semi-flowable	≤10	66±5	Al-Al: ≥2.5	≥15	-50~200
6140	White, flowable	≤15	40±5	Al-Al: ≥2.0	≥15	-50~200
6789	Black paste	5~15	32±5	Al-Al: ≥1.5	≥15	-50~200
6934	Black paste	5~15	30±5	Al-Al: ≥1.5	≥15	-50~200
6715	Translucent flowable	10~20	38±5	Al-Al: ≥1.0	≥44	-60~200
6810	Translucent acidic adhesive	≤5	38±5	Al-Al: ≥1.5	≥15	-50~200
6604	Red, flowable	5~15	30±5	Al-Al: ≥1.0	≥15	-50~200
6704	Black semi-paste	3~15	38±5	Al-Al: ≥2.0	≥15	-50~200

Test conditions: 25 ° C, relative humidity 65%; cured at 25 ° C, 50% RH for 7 days before measurement.



Sealant - Two-Component Polyurethane Foaming Adhesive

This product is a two-component polyurethane room-temperature foaming adhesive, consisting of parts A and B. After mixing A and B in a specified mass ratio, it foams and cures through chemical reaction into a high-performance foam body.

This product is used for sealing and protecting various outdoor communication, electronic, and lighting equipment cabinets, as well as for shock absorption, cushioning, sound insulation, protection, insulation, thermal insulation, and fireproofing in power batteries.

» Product Features

Good elasticity after curing

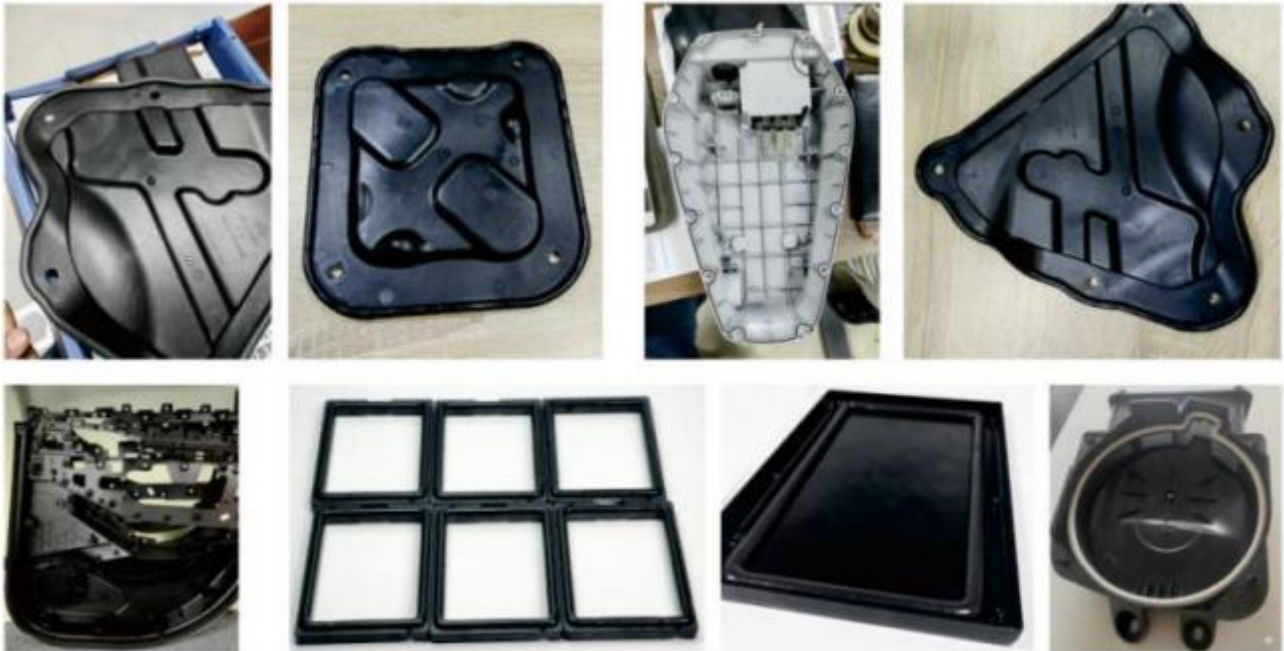
Good flowability, excellent processing performance

Good adhesion strength to metals such as Al

Uniform foam distribution and low thermal conductivity after curing

Model	Mix Ratio	Foaming Start Time	Forming Time	Hardness	Post-Foaming Density	Application
8266	5:1	120	10 min	A50~60	0.2~0.3	Flat adhesive
8311	5:1	120	10 min	15~25	0.2~0.3	Flat adhesive
8250	5:1	120	10 min	20~30	0.3~0.5	Flat adhesive, outdoor

Test conditions: 25°C, relative humidity 65%



Sealant - One-Component Silicone Sealant

This product is a condensation-curing one-component room-temperature curing silicone rubber. Upon contact with moisture, it undergoes condensation crosslinking reaction, curing into a high-performance elastomer with a network structure. After curing, it exhibits excellent adhesion to metal, plastic, and ceramic surfaces.

This product is widely used for coating protection of pins of electronic components such as ICs, capacitors, transistors on PCBA boards, as well as waterproofing, moisture-proofing, and bonding of sensors, guardrail tube lamps, electrical equipment, optical instruments, etc., and FIPG sealing of small gaps.

Product Features

Good adhesion	Short tack-free time, strong adhesion to substrates
Transparent or translucent, semi-flowable	Insulating, moisture-proof, non-swelling
Meets RoHS/REACH environmental requirements	Can be continuously used at -50°C to 200°C



Product Model	Color and State	Tack-Free Time (min)	Hardness	Adhesion Strength	Application
7027	Black, semi-flowable	≤10	18±5	Al-Al: ≥1.0	Door handle frame sealing
6800	Transparent, semi-flowable	≤10	18±5	Al-Al: ≥1.0	Wire harness sealing
9034	Black paste	≤5	25±5	Al-Al: ≥1.2	Junction box sealing

Sealant - Silicone Foaming Sealant

Low water absorption, good resilience, can be used in gradient 3D applications

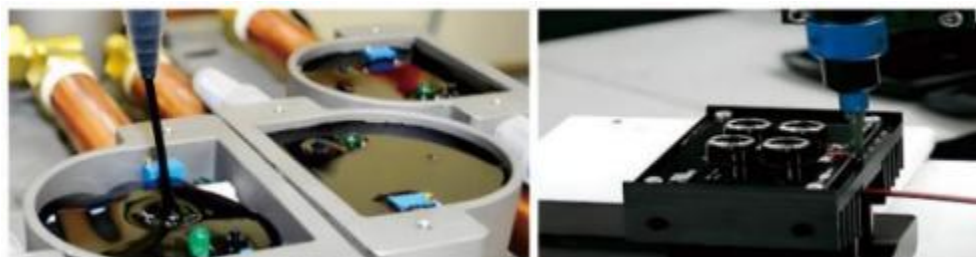
Complies with RoHS environmental requirements

This product is a two-component foaming silicone rubber, consisting of two liquid parts A and B. After mixing A and B in a 1:1 (mass ratio), it cures and foams through an addition reaction to form a high-performance elastomer.

This product is suitable for bonding and sealing the frames of electronic, electrical, and instrument components, providing moisture-proof, vibration-proof, and insulation functions.

Model	Mix Ratio (mass ratio)	Color and State	Foaming Time (sec)	Tack-Free Time (min)	Post-Foaming Density	Protection Rating	Temperature Resistance (°C)
907	1:1	Gray paste	40~60	8~10	0.25~0.35	IP68	-50~200
901	5:1	Gray, semi-flowing	40~60	8~10	0.25~0.50	IP68	-50~200

Test conditions: 25°C, relative humidity 65%; cured at 25°C, 50% RH for 7 days before measurement.



Potting Compound - Silicone Foaming Potting Compound

This product is a two-component foaming silicone rubber, consisting of two liquid parts A and B. After mixing A and B in a 1:1 (mass ratio), it cures and foams through an addition reaction to form a high-performance elastomer.

This product is suitable for potting and sealing the frames of electronic, electrical, and instrument components, providing moisture-proof, vibration-proof, and insulation functions.

Product Features

Excellent high temperature resistance

Wide temperature range (-50°C ~200°C)

Good insulation

Waterproof and moisture-proof

Non-corrosive

Complies with RoHS environmental requirements



Model	Mix Ratio (mass ratio)	Foaming Time	Tack-free Time	Hardness	Post-Foaming Density	Dielectric Strength	Volume Resistivity
6224	1:1	40~60	8~15	40±10	0.25-0.35	≥4	≥1.0×10 ¹⁴

Test conditions: 25°C, relative humidity 65%

Potting Compound - Silicone Potting Compound

This product is a two-component addition-curing silicone potting compound, consisting of two liquid parts A and B. After mixing A and B in a 1:1 (mass ratio), it cures through an addition reaction to form a high-performance elastomer.

This product is mainly used for potting LED waterproof power supplies, inductors, sensors, automotive electronic modules, electronic controllers, and other products.

Model	Mix Ratio (mass ratio)	Color	Open Time	Mixed viscosity	Hardness	Thermal Conductivity	Dielectric Strength
6821	1:1	Gray/white	30~60	1500~1900	50±5	0.7	≥15
6811	1:1	White/gray	90~100	1000~1300	45±5	0.7	≥15
6803	1:1	Gray/white	40~60	2500~2900	0010~25	0.55	≥15
6808	10:1	Black/white	30~60	900~1400	45±5	0.6	≥15
6225	1:1	Gray/white	60~80	3500~5000	50~60	2.00	≥20



Potting Compound - Silicone Potting Compound

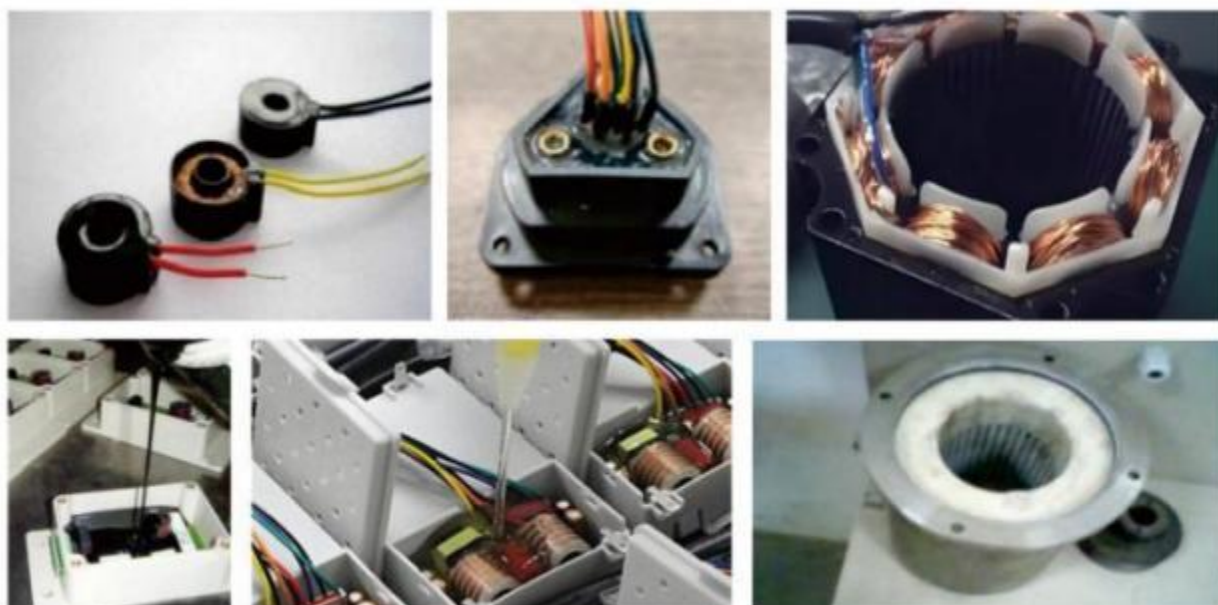
► Epoxy Potting Compound

This product is an epoxy resin two-component potting compound that can be cured by heating or at room temperature. It consists of specially modified synthetic epoxy resin and hardener, and different materials can be added to obtain products with different properties.

This product is widely used for encapsulation and protection of electronic components and other related products such as transformers, capacitors, power modules, motor controllers, automotive power supplies, battery pack relays, circuit boards, converters, connectors, high-frequency switching power supplies, filters, high-voltage generators, sensors, LED lighting accessories, etc.

Model	Mix Ratio	Mixed Color	Mixed Viscosity (mPa·s)	Hardness (Shore D)	Thermal Conductivity (W/m · K)	Tensile Strength (MPa)	Application temperature (°C)	Application
7180	10:1	Black	1000-3000	85	0.5	40	-40~180	Motors, engines, ignition coils
7710	5:1	Black	1000-3000	A90	0.5	2.3 (Flexibilized Epoxy)	-40~120	Motors, engines, water pumps, transformers
7700	4:1	Black	1000-3000	A85	0.5	2.5 (Flexibilized Epoxy)	-40~120	Motors, engines
7139	5:1	Black	1000-3000	80	1.0	35	-40~120	Motors, engines, sensors
7167	2:1	Transparent	900-1800	80	/	80	-40~120	Motors, engines, flyback transformers

Test conditions: 25 °C, relative humidity: 65%, curing data at room temperature for 7 days



Potting Compound - Silicone Potting Compound

» Polyurethane Potting Compound

Polyurethane (PU) potting compound is usually made from polyols of oligomers such as polyester, polyether, and polydiene, with diisocyanate, using diol or diamine as chain extenders, through stepwise polymerization.

Polyurethane potting materials feature low hardness, moderate strength, good elasticity, water resistance, mildew resistance, vibration-proof transparency, excellent electrical insulation and flame retardancy, no corrosion to electrical components, and good adhesion to metals such as steel, aluminum, copper, tin, as well as rubber, plastic, wood, and other materials. Potting materials can protect installed and debugged electronic components and circuits from vibration, corrosion, moisture, dust, etc.

Model	Specific Gravity	Color	Viscosity	Curing Method	Mix Ratio (mass ratio)	Hardness	Thermal Conductivity	Application
8800	1.3	Black/gray	1000-1500	Room temperature/heating	100:30	82A	0.6	General-purpose potting
8806	1.5	Black/gray	1800-2000	Room temperature/heating	4:1	45D	0.8	Potting of transformers, capacitors, tire pressure sensors, etc.
8266	1.4	White black	900-1000	Room temperature/heating	5:1	87A	0.8	Electronic vehicles/sensor vehicle antennas, etc.
8552	1.5	White/black	1000-1500	Room temperature/heating	5:1	60D	0.7	Motors/motor/ power supply modules
8822	1.12	Black	900±100	Room temperature/heating	1:1	50A	1	Wiring Harness/tire pressure gauge



Thermal Management Solutions - Silicone Thermally Conductive Adhesive

This product is a condensation-curing one-component room temperature vulcanizing silicone rubber. Upon contact with moisture, it undergoes condensation crosslinking reaction, curing into a high-performance elastomer with a network structure, releasing small alcohol molecules. After curing, it exhibits excellent adhesion to metal, plastic, and ceramic surfaces.

This product is mainly used for heat dissipation in mobile phone fast charging products, bonding of power devices and IC heat sinks on PCBA boards, heat dissipation of power devices in automotive electronics, filling and fixing gaps between high-power power supplies, LED drivers and heat sinks, quickly conducting heat, improving heat dissipation effect, and enhancing the stability of components.

Product Features

Excellent thermal conductivity
High compressive strength and high volume resistivity
High adhesion, good thermal conductivity
Insulating, moisture-proof, non-swelling

Can be continuously used at -50°C to 200°C
Complies with UL94 V-0 flame retardant requirements
Complies with RoHS/REACH environmental requirements



Model	Color and State	Tack-free Time	Hardness	Adhesion Strength	Thermal Conductivity
6521	White semi-paste	10~20	85±5	Al-Al:≥1.5	1.8
6321	White paste	5~20	60±5	Al-Al:≥1.0	2.8

Test conditions: 25°C, relative humidity 65%; cured at 25°C, 50% RH for 7 days before measurement.

Thermal Management Solutions - Thermally Conductive Insulating Pad

This product is a silicone polymer elastomer with a flexible surface that achieves full interfacial contact, effectively reducing thermal resistance between electronic components and heat sinks. It has excellent electrical insulation, high dielectric strength, good thermal conductivity, high chemical resistance, and mechanical properties, preventing high voltage breakdown and metal puncture. It is a high-performance thermally conductive insulating material.

This product is suitable for UPS, switching power supplies, power amplifiers, automotive electronic product controllers, motor control, military electronic equipment, and other applications requiring heat dissipation and insulation.

Product Features

Good insulation performance
High tensile strength, wear-resistant
Uniform thickness, wear-resistant, not easily punctured, easy to use

High assembly efficiency
UL94 V-0 flame retardant rating
Complies with RoHS/REACH environmental requirements

Model	Color	Thickness	Hardness	Thermal Conductivity	Dielectric Strength	Tensile Strength
6180	Pink	0.15-0.5	85±5	1.8	≥10	≥25
6350	White	0.25~0.5	90±5	3.5	≥10	≥25



Thermal Management Solutions - One-Component Thermal Gel

This product is a thermally conductive material with extremely low deformation force, good plasticity, capable of covering microscopic uneven surfaces to ensure full contact between mating parts, thereby improving heat transfer efficiency.

This product is suitable for automotive electronics, industrial controllers, mobile communication equipment, tablets, multimedia devices, desktops, laptops, servers, and printed circuit board assemblies.

» Product Features

Good thermal conductivity	Complies with RoHS/REACH environmental requirements
Excellent wettability, low contact thermal resistance	Certain fluidity, diverse dispensing processes, easy operation
Excellent anti-sagging and anti-cracking performance	Low compressive stress, good plasticity, withstands various environmental stresses
UL94 V-0 flame retardant rating	

Model	Extrusion Rate	Thermal Conductivity	Dielectric Strength	Volume Resistivity	Density
8120	12~18	1.0	≥ 12	1.0×10^1	2.60 ± 0.10
8122	25~35	2.0	≥ 12	1.0×10^{13}	2.80 ± 0.10

Extrusion rate test condition: 30cc syringe @85psi

Thermal Management Solutions - Two-Component Thermal Gel



This is a fluid-type thermally conductive gap filler suitable for room temperature and heat curing, with superior thermal conductivity and very soft, ideal for connecting fragile or uneven components to heat sinks.

It is suitable for mobile communication equipment, printed circuit board assemblies, new energy vehicle battery packs, fiber optic communication equipment, automotive electronics, fragile/delicate components.

» Product Features

Excellent thermal conductivity	UL94 V-0 flame retardant rating
Soft yet with certain strength	Complies with RoHS/REACH environmental requirements
Good fluidity, easy to handle	Excellent anti-sagging and anti-cracking performance

Model	Hardness	Thermal Conductivity	Dielectric Strength	Volume Resistivity	Specific Gravity
9183	60 ± 5	2.0	≥ 10	1.0×10^{12}	2.00 ± 0.10
8130	60 ± 5	3.0	≥ 10	1.0×10^{14}	2.80 ± 0.20
8150	70 ± 7	5.0	≥ 10	1.0×10^{12}	3.17 ± 0.15

Note: Color refers to the color of the mixed compound.

Thermal Management Solutions - Thermal Grease

As a heat transfer medium, this product features excellent thermal conductivity, good lubricity and electrical insulation, as well as good high and low temperature resistance, low consistency, and good application performance. Based on polysiloxane with high thermal conductivity fillers, it is non-toxic, odorless, non-corrosive, complies with RoHS directives and related environmental requirements, and has stable chemical and physical properties.

This product is suitable for heat dissipation modules, heat dissipation of heating elements in automotive electronics, LED lighting equipment, home appliance controllers, communication and network equipment, AI chips, mining machines, and power inverters.

Product Features

Low volatility and oil separation
Excellent aging resistance

High thermal conductivity, low thermal impedance
Complies with RoHS/REACH environmental requirements

Can be applied by stencil printing or manual brushing

Thoroughly wet the contact surface, improving heat dissipation

Model	Density (g/cm ³)	Cone Penetration (1/10mm @25°C)	Oil Separation (150°C×24h, %)	Volatile Content (200°C, 8h, %)	Thermal Conductivity (W/m·K)	Thermal impedance (°C·in ² /W, @50psi)	Temperature range (°C)
5103	2.50±0.1	340~360	≤1.0	≤1.0	1.0	≤0.065	-40~200
5204	2.50±0.1	255~275	≤1.0	≤1.0	2.0	≤0.058	-40~200
5302	2.95±0.1	220~240	≤1.0	≤1.0	3.0	≤0.040	-40~200
5401	3.45±0.1	240~260	≤1.0	≤1.0	4.0	≤0.038	-40~200
5501	3.35±0.1	230~250	≤1.0	≤1.0	5.0	≤0.025	-40~200
5601	3.25±0.1	220~240	≤1.0	≤1.0	6.0	≤0.012	-40~200
5701	3.15±0.1	200~220	≤1.0	≤1.0	7.0	≤0.007	-40~200



Conformal Coating Materials

This conformal coating is a one-component silicone resin, modified polyurethane, or modified acrylic product. Curing methods include curing at room temperature, heat curing, UV curing, or UV+moisture dual curing. It contains a fluorescent indicator for easy inspection.

This product is mainly used for conformal coating protection on various PCB boards, such as industrial control, communication, home appliance controllers, automotive electronic controllers, etc.

► Product Features

Resistant to UV weather aging

Non-corrosive to electronic components

Curing at room temperature, UV curing

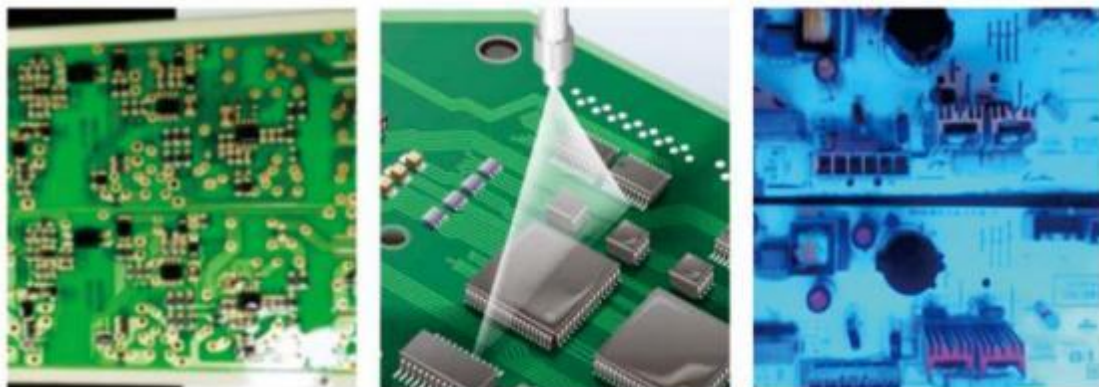
Strong adhesion, good insulation, waterproof and anti-corrosion

Application temperature: -60℃~200℃

Complies with RoHS requirements

Model	Resin Type	Tack-free Time	Viscosity (mPa·s)	Solid Content (%)	Dielectric Strength (kV/mm)	Application temperature (°C)
2577	Modified acrylic resin	15~30	300~360	38	≥15	-40~125
2587	Silicone resin	15~20	400	74	≥20	-50~200
2588	Modified Acrylic UV + Moisture UV	UV:10~30s	150~250	100	≥50	-50~130
2589	Modified Acrylic UV + Moisture UV	UV:10~30s	300~700	100	≥50	-50~130
2584	Modified Polyurethane	15~20	60~90	40±1	≥110	-40~130
2777	Silicone resin	8~10	450~550	100	/	-60~200

Its product parameters are typical values, measured under specific conditions: Test environment: 25℃, relative humidity 65%; measured after curing for 7 days at 25℃, relative humidity 50%; recommended thickness: $25 \pm 5 \mu\text{m}$.



Conductive Materials

Model	Color	Application Temperature	Hardness	Conductive Particles	Curing Conditions	Application
7510	Gray	-50~+200	45	Nickel carbon	Room Temperature 24H	Used in EMI encapsulation of small electronic devices such as optical modules, PDAs, radios, mobile phones, etc.
7518	Gray	-45~150	55	Nickel silver	Heating 100°C (4H)	Applied to indoor and outdoor communication equipment, mobile phones, medical equipment, portable test and calibration equipment, electrostatic shielding, and military industry applications.



Solder Mask JH-6060

JH-6060 is used in various parts and components that require temporary solder mask, protection, and covering,

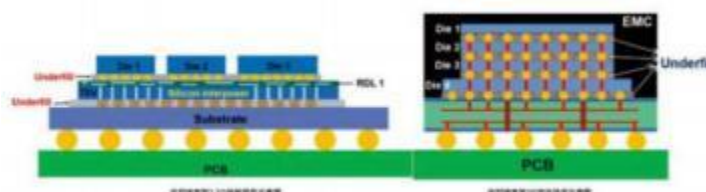
such as wave soldering, PCB SMT, application of conformal coating, and various painting processes.

1. Applied to PCB boards requiring solder mask and covering in wave soldering process, covering copper foil, holes, gaps, and components on the board surface to avoid contact with molten solder.
2. Can be used for protection and temporary covering of connectors, gold fingers, screw holes, eyelets, electronic components, etc.
3. Protection of sensitive components and parts before applying conformal coating or painting process on electronic products and various parts.



Underfill Adhesive JH-3808

3808	Black	Single-component, low halogen, low viscosity, fast flow, high reliability, excellent mechanical stress resistance, used for CSP and BGA underfill	360	130°C, 8mins 150°C, 5mins	-20°C
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Special Adhesive 666

Product Name: Multi-Purpose Adhesive,
All-Purpose Adhesive

Model: 666

Specifications: 1 kg/bottle, 3 kg/can, 18 kg/barrel

Shelf life: 9 months

Storage: Cool place, away from fire,
avoid direct sunlight

Temperature Resistance: -30°C to 100°C

Viscosity: 13000-15000cps

Appearance: Transparent, slightly yellow

Curing Time: Tack-free time 5-10 minutes; achieves high strength after 36 hours and optimal strength after 2 days.

Usage: 666 Super Adhesive (Industrial Adhesive) is a transparent slightly yellow plastic adhesive. It can be used for bonding polypropylene (PP), polyethylene (PE), ABS, rigid polyvinyl chloride (PVC), EVA, PC, PS, TPE, film, nylon, Delrin (POM), leather, sponge, acrylic, rubber, metal, bamboo, wood, fabric, paper, etc., especially good for bonding metal and non-metal materials together and cross-bonding. It features high bonding strength, fast curing, transparent adhesive layer, easy use, and strong versatility.



Special Adhesive 777 (Spray Adhesive)

This product is mainly used for bonding various difficult-to-bond plastic products such as PVC blind guide mats, polyethylene (PE), vegetable greenhouse film, car headliner fabric, PE film, TPU, polypropylene (PP), HDPE, PC, PP sheets, polyvinyl chloride (PVC), PC/POM/ABS, TPE, PU, metal, PET artificial leather, nylon, sponge, foam, non-woven fabric, film, EVA foam plastic, etc. It also has good bonding strength for acrylic, rubber, metal, fabric, bamboo, wood, textile, paper, especially unique for bonding plastic to metal and non-metal materials cross-bonding. It is an ideal adhesive for industries such as home appliances, radio, decoration, craft toys, insulation materials, packaging and printing. After drying, the adhesive is soft, tough, drop-resistant, aging-resistant, and waterproof.

