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Saint-Gobain TekBond (China)

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## Saint-Gobain Tekbond General Industry







# ABOUT US

Saint-Gobain Tekbond General Industrial Adhesives enhance their competitiveness through some solutions such as improving reliability, reducing downtime, and reducing operating costs. As a global emerging adhesive and sealant solution provider, we provide the most extensive product series, professional technical support and services to solve your problems and prevent failures. Saint-Gobain Tekbond 's general industry has a wide range of series, including anaerobic adhesives, UV glue, silicone gasket adhesives, super glue, structural adhesives, functional aerosols, anti-seize agents and other product lines, which provide one-stop solutions for customers in different fields, and provide unique added value in the industrial production process of "design-manufacture-repair".

## Safe and Reliable Quality

Saint-Gobain Tekbond serves customers all over the world, and provides a steady stream of products for the maintenance, repair and operation of industrial customers, winning the full trust and good reputation of customers. Saint-Gobain Tekbond 's quality management starts from the product development stage. In the production process of industrial rubber products, the real-time data feedback system ensures the consistency of product quality.

## Your Adhesive and Sealant Solutions Provider

In all sealant applications, Saint-Gobain requires customers to process and manage strictly in accordance with the product operation management manual. For the needs of different projects, Saint-Gobain offers the following services:

- ☑ Saint-Gobain will offer the industry reasonable suggestion and correct sealants;
- ☑ Saint-Gobain provides customers with customized services.
- ☑ For various challenges and problems faced by industrial customers, Saint-Gobain cooperates with customers to conduct applied tests until we find the right methods.
- ☑ Saint-Gobain provides on-site technical support for specific industry.

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Pipe Sealing Series



PRODUCT DESCRIPTION

Saint-Gobain® TEKBOND™ Pipe Sealing Series, which completely fills and solidifies between the threads of metal parts to form a lasting and effective seal. It is used to seal and fix metal pipes and pipe fittings to prevent gas and liquid leakage. Liquid sealant can be provided instant low-pressure sealing ability can improve the burst strength of most pipelines after being fully cured. Compared with the traditional sealing method, it has the advantages of convenient construction, no creep phenomenon, no pollution to the fluid in the pipeline, vibration resistance, impact resistance, corrosion resistance, etc.

Name	Chemical Base	Description	Color	Maximum Pipe Size	Working Temperature (°C)	Viscosity (mPa·s)	Thixotropic	Disassembly Strength	Breakaway Torque (N·m)	Pkg. Size
TEK565	Methacrylate	Controllable strength, high thixotropy	White to off-white	M80	-55~150	57,000~80,000	No	Low	5.0	50mL, 250mL
TEK567		Low strength, high temperature resistance	White	M80	-55~200	300,000~800,000	Yes	Low	2.0	50mL, 250mL
TEK577		Slow curing, general purpose	Yellow	M80	-55~150	16,000~33,000	Yes	Medium	11.0	50mL, 250mL
TEK545		No filler, suitable for air or water pressure line sealing	Purple	M80	-55~150	15,000~40,000	No	Low	2.0	50mL, 250mL
TEK569		Low viscosity, hydraulic sealant	Brown	M80	-55~150	350~500	No	Low	3.0	50mL, 250mL
TEK554		High strength, refrigeration pipe sealing	Red	M80	-55~150	3,500~5,000	No	High	20.0	50mL, 250mL
★ TEK577F		Fast curing, medium strength, Suitable for quick suppression	Yellow	M80	-55~150	16,000~33,000	Yes	High	25.0	50mL, 250mL
TEK542		Medium viscosity, thixotropic, thermal and cold shock resistant	Brown	M80	-55~150	1000~1,800	Yes	Medium	12.0	50mL, 250mL
TEK586		Thixotropic, medium to high strength, oil-resistant type, can be used for flat sealing	Red	M80	-55~150	5,500~7,500	Yes	Medium	18.0	50mL, 250mL



TEK577F

- Fast curing
- Medium strength
- Suitable for quick suppression



TEK262C\TEK277C

- Skin drying in aerobic environment
- Oil tolerance
- Suitable for passive material
- Ultra high strength

TEK231\TEK241

- Ultra-fast curing,
- Super high strength,
- Oil tolerance,
- Suitable for passive material

Thread Locking Series



PRODUCT DESCRIPTION

Saint-Gobain® TEKBOND™ Thread Locking Series is used to prevent fasteners from loosening and to help fasteners prevents loosening and leakage from shock and vibration. The product is liquid form, which can completely fill the gap between the threads. The product cures when confined in the absence of air between close fitting metal surfaces. Compared with the traditional mechanical thread locking method, it has the advantages of ready to use, anti-corrosion, anti-loosening, anti-leakage, and low cost. TEKBOND™ Thread Locking Series are designed to satisfy different application demand. According to strength, it can be divided into low-strength, medium-strength, and high-strength. According to the gap capacity, it can be divided into penetration type, small gap, and large gap; According to the temperature resistance, it can be divided into ordinary type and high temperature resistant type, etc.TEKBOND™ grandly launches 262C, 277C new products, these two products can achieve surface drying under aerobic conditions, avoiding the problem to remove the overflowing adhesive.

Name	Chemical Base	Description	Color	Maximum Fastener Size	Fixture time(min)			Working Temperature (°C)	Viscosity (mPa·s)	Thixotropic	Maximum Breakaway		Pkg. Size
					Carbon Steel	Copper	Stainless steel				Gap Fill (mm)	Torque/N·m (24h)	
TEK222	Methacrylate	Low strength, general purpose	Purple	M36	15	8	360	-55~150	850~1,550	Yes	0.13	6	50mL, 250mL
TEK242		Medium strength, lubricating	Blue	M20	5	20	360	-55~150	850~1,550	Yes	0.13	8	50mL, 250mL
TEK243		Medium strength, oil tolerance	Blue	M36	10	5	10	-55~150	1,700~3,500	Yes	0.13	12	50mL, 250mL
TEK246		Medium strength, high temperature resistance, oil tolerance	Blue	M20	/	/	30	-55~230	1,800~3,000	Yes	0.13	20	50mL, 250mL
TEK262		Medium to high strength, general purpose	Red	M25	15	8	180	-55~150	1,500~2,500	Yes	0.18	30	50mL, 250mL
TEK263		High strength, passive metal	Red	M25	4	8	15	-55~180	400~600	No	0.25	36	50mL, 250mL
TEK271		High strength, low to medium viscosity	Red	M25	15	5	15	-55~150	400~600	No	0.15	30	50mL, 250mL
TEK272		High strength, high temperature resistance	Red	M80	40	/	/	-55~230	4,000~15,000	Yes	0.25	23	50mL, 250mL
TEK277		High strength, oil tolerance, Large threads	Red	M80	30	25	270	-55~150	6,000~8,000	Yes	0.25	32	50mL, 250mL
TEK290		Medium to high strength, Wicking grade	Green	M6	20	20	60	-55~150	20~55	No	0.05	15	50mL, 250mL
★ TEK262C		High strength, medium viscosity, aerobic curable, oil tolerance	Red	M25	5	5	10	-55~150	1,500~3,500	Yes	0.18	38	50mL, 250mL
★ TEK277C		High strength, high viscosity, aerobic curable, oil tolerance	Red	M80	5	5	10	-55~150	7,000~11,000	Yes	0.25	32	50mL, 250mL
★ TEK231		High strength, low viscosity, fast curing	Amber	M80	4	3	8	-55~180	1,500~3,500	Yes	0.18	35	50mL, 250mL
★ TEK241		High thixotropy, oil resistance, fast curing	Amber	M80	4	3	8	-55~180	5,000~7,000	Yes	0.25	35	50mL, 250mL
★ TEK270s		Low to medium viscosity, high strength, passive substrates	Green	M36	10	5	20	-55~150	800~1300	No	0.13	40	50mL, 250mL
★ TEK2701		Low viscosity, high strength, passive substrates, heat oil resistant	Green	M25	10	4	25	-55~150	400~600	No	0.13	40	50mL, 250mL
★ TEK011	Ethylene acetate	Suitable for plastic, metal screws, low strength, low viscosity	Clear/Red/Green	M80	5			-20~120	300~500	No	0.25	3	1000mL
★ TEK01		Suitable for plastic, metal screws, low strength, medium to high viscosity	Clear/Red/Green	M80	5			-20~120	300~500	No	0.25	3	1000mL





NEW

TEK680S

Fast curing

Oil tolerance

Suitable for passive substrates

TEK648HT

High temperature resistance up to 240°C

High strength

Oil tolerance

Suitable for passive substrates

Retaining Series



PRODUCT DESCRIPTION

Saint-Gobain® TEKBOND™ Retaining series can improve the shear strength of cylindrical non-threaded assembly operations, have the ability to transfer loads with the greatest strength, and can make it evenly dispersed, eliminating stress concentration and corrosion at the assembly interface. 100% bonding is achieved on each metal surface, which reduces the cost caused by machining accuracy and improves the efficiency of the assembly process. Compared with traditional mechanical assembly methods, it has the characteristics of transmitting heavy loads, preventing corrosion, avoiding friction, reducing design conflicts, and reducing structural weight. TEKBOND™ Retaining series have developed different products according to the gap size of the assembled parts, the temperature of the working condition, the bonding strength, the surface properties of the substrate, and the curing speed.



Name	Chemical Base	Color	Description	Viscosity (mPa·s)	Thixotropic	Fixture time/Carbon Steel (min)	Working Temperature (°C)	Maximum Gap Fill (mm)	Compressive Shear Strength (Mpa)	Pkg. Size
TEK609	Meth-acrylate	Green	High strength, low viscosity, augments press fits	100~150	No	15	-55~150	0.13	16	50mL, 250mL
TEK638		Green	High strength, general purpose	2,000~3,000	No	4	-55~150	0.25	25	50mL, 250mL
TEK680		Green	High strength, for slip fitted parts	800~1,600	No	10	-55~150	0.38	25	50mL, 250mL
TEK648		Green	High strength, temperature resistance	400~600	No	3	-55~175	0.15	25	50mL, 250mL
TEK620		Green	High viscosity, high temperature resistance, large gap filling	6,000~8,000	Yes	20	-55~230	0.20	24	50mL, 250mL
TEK660		Gray	High viscosity, suitable for gap filling in maintenance	150,000~350,000	Yes	30	-55~175	0.50	17	50mL, 250mL
★ TEK648HT		Green	High temperature resistance, high strength	1,750~2,600	No	3	-55~240	0.15	25	50mL, 250mL
★ TEK603		Green	High strength, low viscosity, oil tolerance	100~150	No	20	-55~150	0.13	26	50mL, 250mL
★ TEK641		Yellow	Controllable strength, detachable	400~800	No	10	-55~150	0.20	6.5	50mL, 250mL
★ TEK680S		Green	Fast curing, oil tolerance	800~1,600	No	5	-55~150	0.38	25	50mL, 250mL, 1000mL



NEW

TEK5182

Suitable for machining

Rigid metal flange

Fast curing

Flexible



Anaerobic Flange Sealing Series

PRODUCT DESCRIPTION

Saint-Gobain® TEKBOND™ Anaerobic Flange Sealing Series when used as the gasket, it is formed in situ to prevent liquid or gas leakage. When the product is exposed to the air, the adhesive rSaint-Gobain® TEKBOND™ Anaerobic Flange Sealing Series when used as the gasket, it is formed in situ to prevent liquid or gas leakage. When the product is exposed to the air, the adhesive remains liquid, and the flange begins to cure after assembly. It can fill and compensate the gaps, dents, scratches and irregular shapes on the flange surface to form a reliable and durable, 100% sealing. Compared with traditional cutting gaskets, it has the advantages of convenient application, no need to re-tighten, durable sealing, and high pressure resistance. Saint-Gobain® TEKBOND™ Anaerobic Flange Sealing Series is very suitable for metal flange sealing with small sealing gaps.

Name	Chemical Base	Color	Description	Strength	Fixture time(min)		Maximum Gap Fill (mm)	Viscosity (mPa·s)	Working Temperature (°C)	Compressive Shear Strength (Mpa)	Pkg. Size
					Carbon Steel	Aluminum					
TEK510	Meth-acrylate	Pink	Suitable for machining, rigid metal flange, high temperature resistance	Medium	25	45	0.25	40,000~140,000	-55~200	3.0	50mL, 300mL
TEK515		Purple	Suitable for machining, rigid metal flange, medium curing speed	Medium	30	30	0.25	700k~1,400k	-55~150	5.0	50mL, 300mL
TEK518		Red	Suitable for machining, rigid metal flange, medium flexibility	Medium	25	20	0.30	3,000k~4,500k	-55~150	3.0	50mL, 300mL
TEK574		Orange	Suitable for machining, rigid metal flange, universal type	Medium	15	45	0.25	23,000~35,000	-55~150	4.0	50mL, 300mL
★ TEK5182		Red	Suitable for machining, rigid metal flange, fast curing, flexible	Medium	15	30	0.25	75,000~95,000	-55~150	5.0	50mL, 850mL

Threadlocking Varnish Series

TEK1114

VOC compliance  
Quick surface drying  
Anti-loose mark, tamper identification  
Applicable to a wide range of substrates

TEK4799

VOC compliance  
Quick surface drying  
High strength  
Applicable to a wide range of substrates



Name	Chemical Base	Color	Description	Viscosity (mPa·s)	Tack Free Time(s)	Curing Time(H)	Working Temperature (°C)	Pkg. Size
★ TEK1114	Acrylate	Blue, Green, Red, Yellow, Black, White	Anti-loose mark and fast curing	40,000~55,000	30	24	-30~150	50mL
★ TEK4799	SBR	Black	Environment-friendly, fast curing, strong applicability, high strength	18,000~25,000	60	24	-40~150	150mL



# Anaerobic Structural Adhesive



NEW

### TEK326S

Super fast curing  
Super high strength  
Especially suitable for magnetic steel bonding

### TEK3275

Special for temperature and humidity resistance conditions  
High strength  
Rigid bonding

### TEK3326

Two-step modified acrylic structural adhesive  
Accelerator/high temperature dual cure  
Impact resistance  
Peel resistance  
High temperature resistance

### PRODUCT DESCRIPTION

Saint-Gobain® **TEKBOND™** Anaerobic Structural Adhesive, fast curing under the condition of isolation of air, forming a reliable rigid bond, widely used in the structural bonding of metals, ferrites, etc. It has the advantages of single component, convenient construction, high strength and uniform stress distribution.



Name	Chemical Base	Color	Description	Viscosity (mPa·s)	Compressive Shear Strength (Mpa)	Working Temperature (°C)	Maximum Gap Fill (mm)	Pkg. Size
TEK319	Meth-acry-late	Green	Permeable, fast curing, specially designed for magnetic steel bonding	200-500	10	120	0.25	50mL, 250mL
TEK326		Light yellow	High strength, fast curing, general purpose	12,000-20,000	16	120	1.06	50mL, 250mL, 1L
★ TEK326S		Light yellow	High strength, high impact shear strength	12,000-20,000	18	120	1.06	50mL, 250mL, 1L
★ TEK3275		Amber	Medium viscosity, bonding rigid components, can pass the double 85 test	3,000-5,000	10	150	1.06	50mL, 250mL, 1L
★ TEK3271		Blue	Fast curing, medium viscosity	3,000-5,000	13	120	1.06	50mL, 250mL, 1L
★ TEK3326		Yellow	Two-step modified acrylic structural adhesive, accelerator/high temperature dual cure, impact resistance, peel resistance, high temperature resistance	10,000-14,000	13	150	0.5	50mL, 250mL, 1L



NEW

### TEK807MMA

Special for inert substrate  
Suitable for PP, PTFE, PE, PVC, up to 2Mpa  
Environmental friendly, low VOC

### TEK830MMA

Bonding of composite materials  
Impact resistance  
Peel resistance

# Two Component Acrylic Structural Adhesive

### PRODUCT DESCRIPTION

Saint-Gobain® **TEKBOND™** Two Component Acrylic Structural Adhesive, with high strength, acid and alkali resistance, excellent corrosion resistance and so on, mainly used for bonding metal, composite, ceramic, carbon fiber, glass and other substrates.



Name	Description	Color A	Color B	Mix Ratio	Fixture Time (min)	Shear Strength (Mpa)	Working Temperature (°C)	Pkg. Size
TEK810MMA	3min initial setting time, low odor, high strength	Blue	White	1/1	3	20	-54~120	50mL, 400mL
★ TEK807MMA	High strength, suitable for PP, nylon, PTFE	Amber	White	10/1	4	13	-54~120	50mL, 490mL
TEK858MMA	High temperature resistance, high strength, high toughness	Red	Blue	1/1	2	25	-54~150	50mL, 400mL
★ TEK830MMA	Bonding of composite materials, impact resistance, peel resistance	Apricot	Grey	10/1	8	18	-40~80	50mL, 490mL



Primer And Cleansing Agent



PRODUCT DESCRIPTION

Saint-Gobain® Tekbond™ primers and accelerators are used to treat substrate surfaces and accelerate curing during bonding.



Name	Description	Color	Density (g/ml)	Dry Time (s)	Life After Coating	Application	Pkg. Size
TEK7649AA	Accelerator for universal anaerobic adhesive	Green	0.79	30-70	30d	Anaerobic adhesive	50mL, 1L
TEK7387AA	Anaerobic primer and accelerator	Light brown	0.8	30	1h	Anaerobic structural adhesive	50mL, 1L
TEK770CA	Suitable for silicone, PP, PE, PTFE	Clear	0.68	30	24h	Instant adhesive	50mL, 1L
TEK7452CA	Accelerator for instant adhesive	Clear	0.79	30	1min	Instant adhesive	50mL, 1L
TEKPU02	Primer for Polyurethane sealant	Black	0.9	30	8h	Polyurethane sealant	50mL, 1L
TEKPU01	Polyurethane Activator	Transparent	0.8	30	8h	Polyurethane sealant	250mL, 1L
★ TEK7381AA	Modified acrylic structural adhesive curing accelerator	Clear	0.79	50	15s	Modified acrylic structural adhesive	50mL, 1L

PRODUCT DESCRIPTION

Saint-Gobain® Tekbond™ Cleansing Agent is used for oil stain cleaning of mechanical parts, with efficient oil stain removal performance.



Name	Description	Color	Type	Density (g/ml)	Dry Time (s)	Application	Pkg. Size
★ TEK7602T	Aerosol parts cleaning agent, efficient cleaning of oil stains, environmentally friendly.	Transparent	Organic solvent type	0.8	2-5	Cleaning of mechanical parts, automobile brake pads, metal molds, engines and brake drums.	480mL
TEK7605	Aerosol metal cleaner, quickly cleans oil stains without irritating smell	Clear	Organic solvent type	0.9	2-5	Cleaning of residual oil sludge, marker notes, etc. on the surfaces of engines, industrial equipment, mechanical parts, and tools.	480mL

Flange Sealing Silicone Series

PRODUCT DESCRIPTION

Saint-Gobain®TEKBOND™ Flange sealing silicone series, cures on exposure to moisture in the air to form a tough, flexible, silicone rubber gasket,designed for mechanical components to meet the production requirements of on-site curing,especially suitable for filling large gaps and stamping metal flanges, stamping parts, machining parts. Such as flange sealing for automobiles, motorcycles,engines and various types of mechanical equipment components,with the benefits of withstanding extreme high temperature, anti-aging, chemical resistance and so on.



Name	Color	Description	Tack Free time (min)	Curing Depth (mm/24h)	Gap Fill (mm)	Maximum Working Temperature (°C)	Hardness (shore A)	Compressive Shear Strength (Mpa)	Tensile Strength (Mpa)	Elongation at Break (%)	Pkg. Size
TEK5920	Red	Oxime, extremely high temperature resistant	8	3.4	1	320	40	1.2	2.2	400	300mL, 20kg
TEK596	Red	Acetate,extremely high temperature resistant	12	3.0	1	320	36	1.0	2.7	750	300mL, 20kg
TEK587	Blue	Oxime, extremely high temperature resistant	15	3.0	1	210	45	1.4	1.5	550	300mL, 20kg
TEK598	Black	Oxime, aging, weathering, hot and cold cycle resistance	15	3.0	1	210	40	1.4	1.4	600	300mL, 20kg
TEK598H	Black	Oxime,30min residual adhesive easy to tear, fast assembly process, high tensile and shear strength	3	2.3	1	275	54	2.0	1.6	400	300mL, 20kg
★TEK5699	Grey	Antifreeze resistant, suitable for metal or plastic machining or casting surfaces	15	3.0	1	210	42	1.3	1.5	600	95g, 300mL, 20kg
TEK5699F	Grey	Oxime,resistant to gear oils, suitable for use on machined or cast surfaces of metals or plastics	15	2.5	1	210	43	2.0	2.2	500	300mL, 20kg
TEK595	5	Oxime, translucent, oil resistant, antifreeze resistant	5	3.5	1	250	33	1.0	1.3	650	300mL, 20kg





# Instant Adhesive Series



## TEK01S

Special for metal  
High strength  
Medium/low visvosity  
Fast cured

## TEK02S

Special for elastomer  
High strength  
Medium/low visvosity  
Fast cured

## TEK03S

Special for inert substrate  
High strength  
Medium/low visvosity  
Fast cured

## TEK4860

Flexible bonding  
Medium/high strength  
Medium/high visvosity  
Fast cured



### PRODUCT DESCRIPTION

Saint-Gobain® TEKBOND™ instant adhesive series, also known as cyanoacrylate. It is widely used in the fast fixation of small parts and bonding various substrate. According to different demands, different instant adhesive products are developed. For example, for materials with low surface energy, either using primer before dispensing adhesive or using special purpose products directly. For vibration conditions, rubber toughened products can be used.

Name	Color	Viscosity (mPa·s)	Description	Initial Curing Time (s)	Maximum Gap Fill (mm)	Temperature Resistance (°C)	Pkg. Size
Ethyl cyanoacrylate							
TEK495	Clear	40	General purpose, low visvosity	10	0.10	-50~120	20g, 500g
TEK401	Clear	110	General purpose, low visvosity	5	0.10	-50~80	20g, 500g
TEK406	Clear	20	Plastic&rubber, low visvosity	5	0.10	-50~80	20g, 500g
TEK416	Clear	1,200	General purpose, medium visvosity	30	0.20	-50~80	20g, 500g
TEK435	Clear	90	General purpose, low visvosity, toughened	7	0.10	-50~120	20g, 500g
Alkoxyethyl cyanoacrylate							
TEK460	Clear	40	Low odor, low blooming, low visvosity	10	0.10	-50~80	20g, 500g
Rubber toughened ethyl cyanoacrylate							
TEK480	Black	150	Rubber toughened, black/transparent, medium viscosity, extended curing time	35	0.10	-50~120	20g, 500g
Special purpose							
★ TEK4860	Clear/Light yellow	1,500	Flexible	15	0.15	-50~80	20g, 500g

# UV Adhesive Series



## TEK3106

Medium viscosity  
Thixotropic  
High toughness

## TEK3103

Stress-sensitive plastic bonding  
Vibration-resistant



### PRODUCT DESCRIPTION

Saint-Gobain® TEKBOND™ UV adhesive series,before lighting,the products keep liquid form,cure fast once lighting for a few seconds, before curing there is enough time to position,it always satisfys rapid bonding,flexible bonding,coating,damming and other application demand.It has the advantages of solvent-free, no operating time limit, high bonding strength and so on.

Name	Description		Curing Type	Color	Viscosity (mPa·s)	Curing Depth (mm/30s)	Hardness	Compressive Shear Strength (Mpa)	Temperature Resistance (°C)	Pkg. Size
TEK3106	Acrylate	Medium viscosity, thixotropic, high toughness	UV	Clear	3,000-5,000	2	48D	5	120	50mL, 250mL, 1000mL
TEK3102		Low viscosity, used for cable reinforcement, excellent adhesion to PVC	UV	Clear	1,000-1,500	1.6	60D	5	140	50mL, 250mL, 1000mL
TEK3102T		High viscosity thixotropic type, used for cable reinforcement, excellent adhesion to PVC	UV	Clear	65,000-85,000	4	78D	6	120	50mL, 250mL, 1000mL
TEK3103		Stress-sensitive plastic bonding, vibration-resistant	UV	Clear	9,000-13,000	2.5	51D	4	120	250mL, 1000mL

# Anaerobic Adhesive Series

### PRODUCT DESCRIPTION

Saint-Gobain®TEKBOND™UV anaerobic adhesive, is a UV/anaerobic dual cure adhesive, can be cured by ultraviolet light, but also through anaerobic curing, widely used in metal, glass, ceramic structure bonding. It has the advantages of extremely fast curing speed and high strength.



Name	Color	Description	Viscosity (mPa·s)	Compressive Shear Strength (Mpa)	Fixture Time/UV (s)	Fixture Time/Activator-Cured (min)	Pkg. Size
TEK317	Green	High strength, UV light/heat/activator-cured/ structural bonding	200-500	8	10~30	2~6	50mL, 250mL, 1000mL





# Epoxy Adhesive Series



## TEK E05BL

- 5min initial consolidation
- Low-viscosity potable
- High strength, high toughness

### PRODUCT DESCRIPTION

Saint-Gobain® TEKBOND™ Epoxy adhesive series,composed of epoxy resin and curing agent. After curing, it forms a three-dimensional network structure. It has the characteristics of high mechanical strength, good dimensional stability and chemical resistance. It is widely used in industrial structural bonding, suitable for metals, plastics, ceramics, composite materials, etc.



Name	Description	Color		Open Time (min)	Fixture Time (min)	Shear Strength (Mpa)	Working Temperature (°C)	Pkg. Size
		A	B					
★TEK E05BL	Low viscosity can be potted, 5min operation time, high strength, high toughness	Black	Clear	5	5	15	-40~120	50mL
TEK E20	20min operation time, high peeling, high strength	White	Transparent yellow	20	210	20	-40~150	50mL, 400mL
TEK E60	60min operation time, high peeling, high strength	White	Translucent	60	270	22	-40~150	50mL, 400mL
TEK E120	120min operation time, high peeling, high strength	White	Yellow	120	420	23	-40~150	50mL, 400mL
TEK201HT	Carbon fiber winding, Tg 206°C, high toughness, new energy motor winding	Light yellow-brown	Light yellow-brown	240	30	/	-40~200	22kg+20kg



# Polyurethane Automotive Adhesive Series

### PRODUCT DESCRIPTION

Saint-Gobain® TEKBOND™ Polyurethane automotive adhesive series is designed for the automotive aftermarket and OEM, windshield glass adhesive is used for structural bonding, with high strength, no corrosion to the substrate, no primer bonding, no pollution and other characteristics;Sheet metal adhesive is used for car body sealing, weld sealing, etc,it has the characteristics of excellent adhesion to metal substrates, can be sprayed, and is highly flexible.



Name	Description	Color	Tack Free Time (min)	Curing Depth (mm/24h)	Hardness (shore A)	Tensile Strength (Mpa)	Elongation at Break(%)	Tear Strength (N/m)	Shear Strength (Mpa)	Temperature Resistance (°C)	Pkg. Size
TEKPU55	General purpose, for weld sealing	Black	40	3±0.5	60±5	≥5.0	400±50	8.0	4.0	-40~90	300mL, 590mL
TEKPU40	Good adhesion to metal substrates, car body sheet metal, and car body sealing	Black,white	70	3±0.5	45±5	≥2.0	450±50	/	/	-40~90	300mL, 590mL
Name	Description	Color	Mix Ratio	Open Time (min)	Tack Free Time (min)	Hardness (HA)	Shear Strength (MPa)	Tensile Strength (MPa)	Elongation at Break (%)	Temperature Resistance (°C)	Pkg. Size
TEK8027	4:1 two-component polyurethane structural adhesive, widely used for bonding plastics, composite materials, metals, etc.	Black,light yellow	4: 1	8	60	40D	7	6	200	-40~90	50mL

# Modified Silane Series



## TEK7121

- Medium to high strength
- UV resistant
- Fast curing

## TEK6137

- 3.5MPa high strength
- UV resistant
- Fast curing

## TEK5160

- High transparent
- Shadowless bonding
- Fast curing

### PRODUCT DESCRIPTION

Saint-Gobain®TEKBOND™ modified silane series is a type of silane-modified polyether adhesive used for flexible bonding and sealing, it has the function of absorbing and compensating dynamic load. It is suitable for bonding of various materials, such as metal, glass, plastic, etc. It is widely used in engineering machinery, agricultural machinery, machine tools, elevator assembly and other fields.



Name	Description	Color	Tack Free Time (min)	Density (g/cm3)	Curing Depth (mm/24h)	Hardness (shore A)	Tensile Strength (Mpa)	Elongation at Break (%)	Pkg. Size
TEK6120	General purpose, for weld sealing	White	13	1.56	2.5	42	1.52	600	300mL, 600mL
TEK6121	High thixotropy, UV resistant, weather-resistant	White	20	1.53	2.0	44	1.70	400	300mL, 600mL
★TEK7121	Medium to high strength, UV resistant, fast curing	White	12	1.41	3.5	38	2.50	1000	300mL, 400mL, 600mL
★TEK6137	3.5MPa high strength, UV resistant, fast curing	White	10	1.53	3.5	62	3.50	700	300mL, 400mL, 600mL
★TEK5160	High transparent, shadowless bonding, fast curing	Clear	24	1.06	3.5	38	1.60	450	300mL





### Testing Center

#### CNAS

Recognition

#### ISO17025

Laboratory Management System

#### Standard

Consistent Data

#### Internationally recognized

Test Report

### R & D Center

Backed by 8 cross-business R&D center  
Built Adhesive R&D Center (China)



ISO9001 Quality Management System  
ISO14001 Environment Management System  
ISO45001 Health and Safety Management System



#### Cross-Business R&D Center (Shanghai)

- About 180 R&D engineers
- Focus on innovative materials and construction materials
- Over the past 3 years has released 38 models of products, 11 models for the world
- Average of about 20 patents per year

#### Saint-Gobain China (Hangzhou) Adhesive R&D Center

- Focus on the research and development of adhesive products and innovative applications (from raw materials and finished product performance to industry applications- construction and packaging)
- Develop about 50 innovative products every year
- Average of about 10 patents per year
- Link to 8 global R&D centers across BU



# EARTH MISSION

Materials that Power Housing

Materials that Power Mobility

Materials that Power Health

Our Material are Also in Space.  
But Their Most Important Mission is Here.  
To Improve Your Well-Being and Help Preserve the Planet.

