

**ochem**<sup>TM</sup>

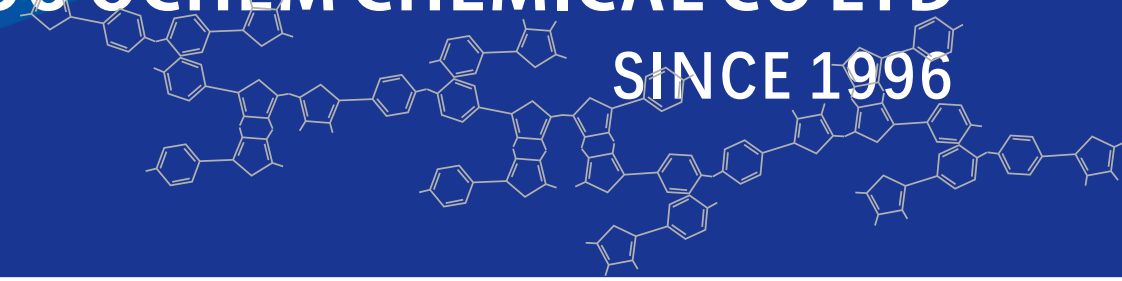
The preferred

***solvent free adhesive***  
***solvent base adhesive***

for lamination

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**HUZHOU OCHEM CHEMICAL CO LTD**  
**SINCE 1996**







ochem<sup>TM</sup>

About us

ochem

Huzhou Ochem Chemical Co. Ltd. is a subsidiary of Houston based Carbon Materials, LLC in China, it is located in Huzhou city where is honored as the most convenient city in the Yangtze River Delta high-speed rail circle, close to Hangzhou International Airport and Shanghai International Airport, of which transportation is very convenient.

Ochem relies on the strong research and development capabilities and technical resources, through continuous increasing in R & D investment, unremittingly develops products to meet the needs of customers, its flexible packaging laminating adhesive products have become the leading products in China with 4 major categories of products: solvent free adhesive, ester based adhesive, alcohol based adhesive and water based adhesive. and its engineering structure adhesive products include door adhesive, iron cover adhesive, battery sealing adhesive also have obtained high favorable market comments. That makes the company become the most complete supplier of product lines in the industry of laminating adhesive.

创新  
诚信  
精  
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1996

Carbon Material LLC of the United States invested in Shenzhen to build Omex Industrial (Shenzhen) Co., Ltd. and began to develop and produce adhesives

2000

Ochem Industrial (Shenzhen) Co., Ltd., was the first company in China to launch the production of alcohol-solvent base adhesives for flexible packaging.

2004

In May 2004, the company moved to Huzhou City and changed its name to "Huzhou Ochem Chemical Co., Ltd."

2005

The company started production in May 2005

2007

The company vigorously develops new functional water treatment fine chemicals, and constantly innovates, and continues to develop environmentally friendly and efficient water treatment products.

2009

In order to meet market demand, the company has developed new types of pollution-free and environmentally friendly solvent-free adhesive products.

2015

The company has opened up new areas of solvent recovery, and has built a NMP solvent purification and purification production line to recycle NMP solvents.

2016

By the end of 2016, the company had obtained 11 authorized invention patents (one US patent and one European patent) and one utility model authorized patent.

2018

The production capacity of solvent-free adhesive products has increased from 3,000 tons per year to 6,000 tons per year.

2019

The newly developed single-component solvent-free adhesive has been widely recognized by the market for its performance and quality stability, and has occupied a steadily increasing market share.

2020

The company's newly developed PVDC water-based primers, blister foil adhesives for medical packaging, stretch film retort resistant adhesive, aluminum alloy coatings, and wood lacquers have been recognized by the market.

2021

The company's new R&D center will begin construction, and we invite all talents to join in advance.

## Production & Quality Control



The products comply with the following health and safety regulations

- EU REACH Regulation (EC) No 1907/2006
- FDA 21 CFR 175.105
- FDA 21 CFR 177.1395
- RoHS 3 Directive (EU) 2015/863 amending Annex II of the RoHS 2 Directive 2011/65/EU
- GB9685-2008
- GB15193.1-94
- GB/T10004-2008







The 15-person technical R&D team, led by well-known experts at home and abroad, can professionally customize adhesive products for customers' special needs.

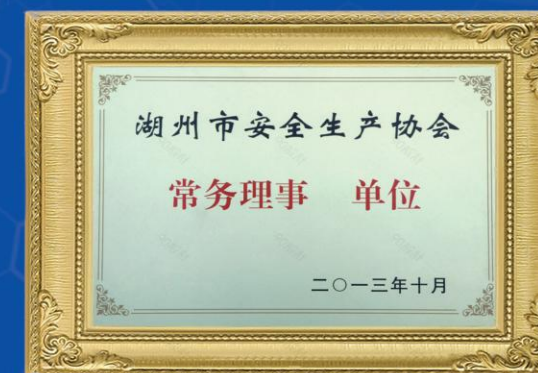
The 12-person quality inspection team strictly guarantees product quality in accordance with customer requirements and domestic and foreign standards such as GB, FDA, ROHS and REACH.

22 service engineers to provide professional and detailed guidance and training for customers before and after testing and after-sales service at home and abroad.

# 荣誉风采

Your recognition

is the highest honor





# Solvent Free Adhesive

**SF9180A + SF9180B**

*fast curing & wide application*

**SF9160A + SF9160B**

*excellent in PET/VMPET & VMCPP*

**SF9200A + SF9200B**

*retorting resistant, low friction*

**SF9380A + SF9380B**

*AL/RCPP ethyl maltol resistant, retort resistant*

**SF9080H mono-component**

*specially designed for paper/foil and film/foil packaging*





# Ester Solvent Base Adhesive

**EG7075A + EB7075B**

*general purpose, wide applications*

**EF2272A + EF2272B**

*film/foil & film/metfilm heavy pack*

**EB4355A + EB4355B**

*PVDC primer*

**EB4160A + EB4160B**

*soft colloid, wrinkle resistant*

**EB4260A + EB4260B**

*PET laminated steel coil for tin packaging*

**HT3360A + HT3360B**

*film/foil stretch 121°C retort packaging*

**HT3135A + HT3135B**

*film/foil 135°C retort packaging*



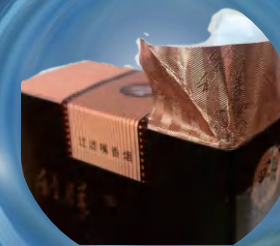


# Other Lamination Adhesives

*Gw5042 mono-component  
water base adhesive*

*AT6070A + AT6070B Alcohol Solvent Base  
good transparent for light & dry pack*

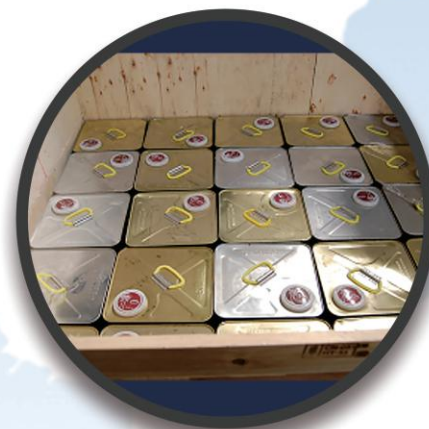
*AT6050A + AT6050B alcohol solvent base  
used in paper/foil cigarette pack*



Solventless PU Adhesive	Product Code	Viscosity (cps) at 25 °C		Solid Content %		Mix Ratio	Recommendable ★★★		Suitable ★★	Dissatisfied ★		Advantage
		A	B	A	B		film/film	film/metfilm	film/foil	paper/film	paper/metfilm	
	SF9110A + SF9280B	1500±500	600±400	100%	100%	100:60	★★★	★★★	★★	★	★	usually used for laminating light weight flexible packaging
	SF9180A + SF9180B	2000±1000	450±300	100%	100%	100:60	★★★	★★★	★★★	★	★	5 hours curing time before silitting, good wetting and levelling
	SF9280A + SF9280B	2500±1000	600±400	100%	100%	100:50	★★★	★★	★★★	★	★	121°C/40min film/film retort-resistance with low friction coefficient
	SF9160A + SF9300B	2250±750	300±200	100%	100%	100:75	★★★	★★★	★★	★	★	It offers expected performance of in laminating film/Metfilm, especially PET/VMPET
SF9060A + SF9060B	1500±1000	600±300	100%	100%	100:75	★★★	★★	★	★	★	specially used for OPP/CPP gas flush pack with peel strength up to 1.3~2.2N/inch	
SF9080H	1500-2500 (85 °C)		100%		monocomp onent	★	★	★	★★★	★★★	monocomponent for paper/foil and paper/film lamination	
Ester Solvent Base PU Adhesive	Product Code	Viscosity (cps) at 25 °C		Solid Content %		Mix Ratio	Recommendable ★★★		Suitable ★★	Dissatisfied ★		Advantage
		A	B	A	B		film/film	film/metfilm	film/foil	paper/film	paper/metfilm	
	EG7075A + EG7075B	4500±1500	2200±1300	75%±2%	75%±2%	20 : 4	★★★	★★★	★★	★	★	general type with good softness and pasteurization resistance
	EF2072A + EF2072B	5000±1000	2200±1300	72%±2%	75%±2%	20 : 4	★★★	★★	★★★	★	★	film/foil parmaceutical packaging and heavy packaging
	EF2272A + EF2272B	5000±1000	2200±1300	72%±2%	75%±2%	20 : 4	★★★	★★★	★★★	★★	★★	excellent performance in both film/metfilm & film/foil lamination for heavy packaging
	EB2872A + EF2872B	5000±1000	2200±1300	72%±2%	75%±2%	20 : 4	★★★	★★	★★	★★★	★★★	compared with EF2272A/EF2272B, it offers better performance in paper/foil and paper/metfilm
	EB4066A + EB4066B	4250±750	2200±1300	66%±2%	75%±2%	20 : 4	★★★	★	★★★	★★★	★★★	film/film 121°C retort pack
	EB4160A + EB4160B	3000±1000	2200±1300	60%±2%	75%±2%	20 : 4	★★★	★★★	★★★	★★	★★	it withstands 100°C/30min boiling both in structures of film/foil and film/metfilm with very soft colloid
	EB4260A + EB4260B	4000±2000	2200±1300	60%±2%	75%±2%	20 : 4	★★	★	★★	★	★	widely used in laminating of PET or OPP laminated steel sheet for tin packaging
	EB4355A + EB4355B	1100±400	2200±1300	55%±2%	75%±2%	20 : 4	★	★	★★	★	★	a coating primer for PVDC latex coated on BOPP, BOPET, BOPA
	HT3135A + HT3135B	2000±1000	2200±1300	50%±2%	75%±2%	20 : 3	★★★	★	★★★	★	★	specially used for film/foil 135°C retorting packaging
	HT3260A + HT3260B	4000±2000	2200±1300	60%±2%	75%±2%	20 : 4	★★★	★	★★★	★★	★★	specially used for cold forming alumium blister foil
	HT3360A + HT3360B	3500±1000	2200±1300	60%±2%	75%±2%	20 : 4	★★★	★	★★★	★★	★★	film/foil 121°C retort pack and film/foil strech pack
Alcohol Solvent Base PU Adhesive	Product Code	Viscosity (cps) at 25 °C		Solid Content %		Mix Ratio	Recommendable ★★★		Suitable ★★	Dissatisfied ★		Advantage
		A	B	A	B		film/film	film/metfilm	film/foil	paper/film	paper/metfilm	
	AT6050A + AT6050B	600±400	90±35	50%±2%	70%±2%	16 : 2.5	★★	★★	★	★	★	it offers expected performance of optical property and strength in lamination of paper/foil for cigarette pack
AT6070A + AT6070B	6000±3500	17±10	70%±2%	70%±2%	18 : 3	★★	★★	★	★	★	good transparent property in light and dry packaging	



**Wherever**  
**Whenever**



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