

About us

POSEIDON Material Technology Co., Ltd. is an environmentally friendly material development company founded by industry experts. The company has a professional R&D team and production plants, and is committed to developing targeted product solutions for customers, with the development goals of improving its product quality, production efficiency and reducing environmental energy consumption.



The company follows the ISO9001 quality management system, and has successfully developed adhesives and modified materials for different applications under strict quality inspection and standardized production conditions.

What makes us different?



Research & Development

In our R&D team we have the best experts in the area, in addition to the most advanced equipment, to quickly and effectively provide our customers with test samples for evaluation.



International Team

With a multinational sales and support team we can offer our customers with our services in several languages.



Certified & Experienced

Founded in 2015 by leading professionals in the field with more than 20 years of experience, we have several certificates such as SGS, ISO9001 certifications, and 8 utility model patents.



Customer Satisfaction

With high quality products and dedicated sales, R&D and after sales teams working hard to facilitate all our customers needs, we have achieve the highest customer satisfaction.

Difficult to make but easy to use



Manufacturing and Logistics

Poseidon's manufacturing department is established by senior industry experts. Our factory has five efficient automated production lines, and our annual output of adhesives can even reach thousands of tons. With stable production technology and advanced mechanical equipment, we are always ready to support our customers orders with a stable and timely supply.



R&D and Quality Testing

Poseidon's R&D department has two locations one at the headquarters in Guangzhou and another at the Suzhou offices to provide a better and faster service to our clients. Quality testing is done at both factories, (Nansha and Panyu in Guangzhou) constantly during production and before every product is ship to make sure they all pass the highest standards.



Operation and Management

Poseidon operations management department focus on the planning and implementation of adhesive solution for our customers. With flawless sales network and industry strategic partners, we provide targeted product solutions in the shortest time, and solve problems supporting production of our costumers across the board as a whole.



Environmental protection and responsibility

Environmental protection is a requirement and responsibility. Pollution-free, green environmental protection and low cost, are the main reasons hot melt adhesives come into being. For POSEIDON strict control in quality and process of production is not just our request for products, it's also the way of conducting itself in the field. Popularizing and persevering with environmental protection and responsibility in the field is started from you and me.

HOT MELT ADHESIVES

Hot melt adhesives are solvent-free, thermoplastic single component adhesives which melt when heated at relatively low temperature (above 80°C /180°F) during application or molding process. Once cooled, the materials become solid again, ensuring cohesion.

Hot melt adhesives can be used for almost any imaginable application in many production sectors for permanent or assembly bonding, for securing materials, as seals or casting compounds.

Our range includes adhesives on the basis of various basic polymers such as EVA, polyamide, polyolefin and thermoplastic rubber in different forms.





"We Take Pride In Our Work And We Are Committed In Making The Best Product For Our Clients."

Jacky Liu – General Manager









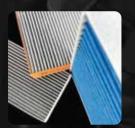
APPLICATIONS



Home air filter



Car engine air filter



Car A/C filter



Car oil filter



Industrial air filter



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Car interior Adhesive



Furniture industry

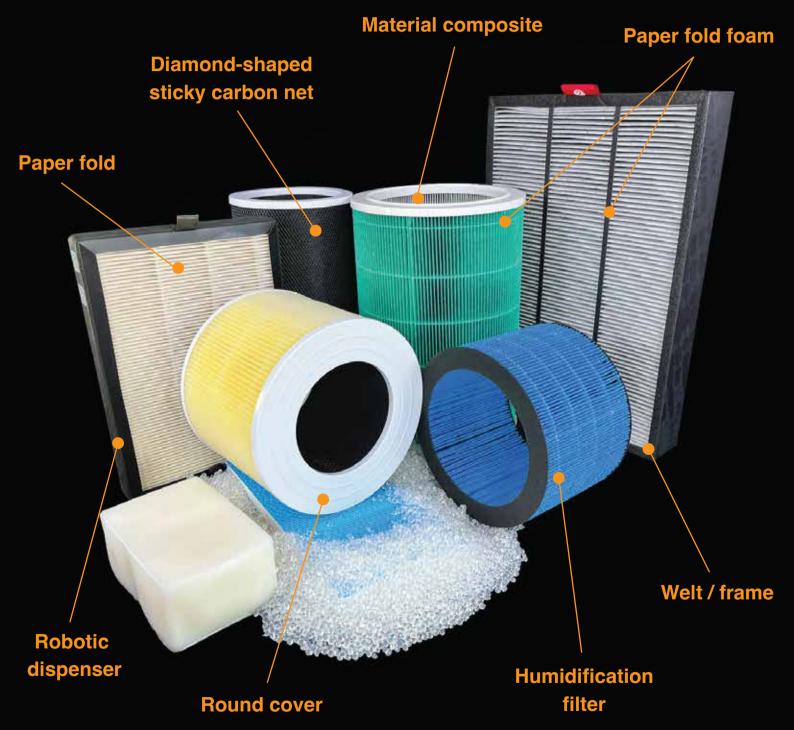


HMA Sticks



Other applications

Air filter hot melt adhesives









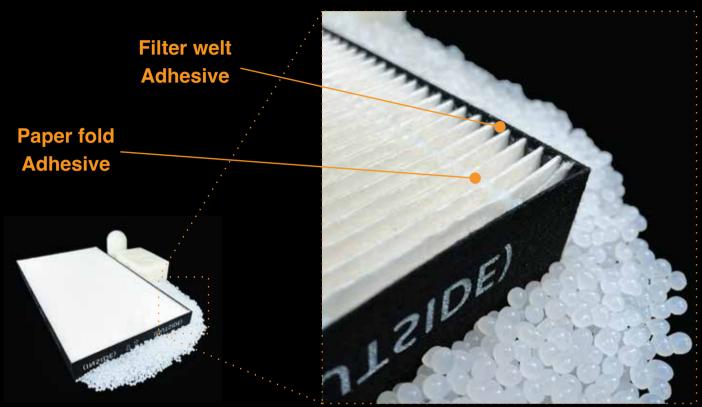






Hot Melt Adhesives for HOME AIR FILTERS

Our purification series products are divided into origami glue, welt glue, round cover glue and styrofoam glue, all of which are used in the assembly and fixation of filter elements, and have the advantages of low VOC, colorless, odorless and recyclable. Among them, our styrofoam is a leading product in the industry.



Flat Home Air Filter HMA

Model	Туре	Format	Color	Translucency	Viscosity cps/180°C	Softening Point	Processing temperature	Applications
B4017	PO Polyolefin	Brick	White	Translucent	3500±500	113±5°C	160-180°C	Filter paper fold
G3012	PO Polyolefin	Granules	White	Translucent	4500±600	110±5°C	160-180°C	Filter frame bonding
G3021	PO Polyolefin	Granules	White	Translucent	2800±500	107±5°C	130-150°C	Filter paper fold
G3022	PO Polyolefin	Granules	White	Opaque	2800±500	105±5°C	135-155°C	Filter paper fold
G3040	PO Polyolefin	Granules	White	Translucent	3300±500	107±5°C	135-155°C	Filter paper fold
G3048	PO Polyolefin	Granules	White	Translucent	1700±300	110±5°C	135-155°C	Bonding and strengthening of filter structure
G3094	PO Polyolefin	Granules	White	Translucent	1700±300	110±5°C	135-155°C	Bonding and strengthening of filter structure
G5177	PO Polyolefin	Granules	White	Translucent	3500±500	128±5°C	145-165°C	Bonding and strengthening of filter structure

Home Air Filter Paper Folding Adhesive

(Polyolefin base)



- Low density, saves 15% 25% of the glue
- Lower gluing temperature, lower shrinkage



Round Cover HMA

Paper folding foam HMA







Cylindrical Home Air Filter HMA

Model	Туре	Format	Color	Translucency	Viscosity cps/180°C	Softening Point	Processing temperature	Applications
B1030	PO Polyolefin	Brick	White	Translucent	2000±300	90±5°C	155-165°C	Filter round cover
B2031	PO Polyolefin	Brick	White	Translucent	2000±500	95±5°C	160-180°C	Filter round cover
B4017	PO Polyolefin	Brick	White	Translucent	3500±500	113±5°C	160-180°C	Filter paper fold
G3015	PO Polyolefin	Granules	White	Translucent	2800±500	107±5°C	130-150°C	Flat filter paper fold
G3016	PO Polyolefin	Granules	White	Opaque	2800±500	105±5°C	135-155°C	Flat filter paper fold

The following data are typical values and should not be used as product specifications

POSEIDON Foam Adhesive for Filter Paper Fold (Polyolefin base) Odorless No cracking No stickiness, on the surface The foaming rate can reach 300% and it can bent at 90 degrees. Low density, saves 15%-25% of the glue Lower gluing temperature, lower shrinkage

Filter Special Adhesive

(Polyolefin base)

- Diamond shape mesh carbon adhesive
- Round cover adhesive
- Honeycomb composite adhesive
- XY border adhesive.
- Humidification filter waterproof glue.













Special Adhesive

Model	Туре	Format	Color	Translucency	Viscosity cps/180°C	Softening Point	Processing temperature	Applications
C1026	Rubber SBS	Brick	Cream	Transparent	2800±500	85±5°C	160-180°C	Diamond-shaped carbon net
G2011	PO Polyolefin	Granules	White	Translucent	3500±500	100±5°C	120-140°C	Robotic XY dispenser
G3015	PO Polyolefin	Granules	White	Translucent	3000±500	110±5°C	125-145°C	Humidification filter bond

The following data are typical values and should not be used as product specifications

Vehicle filter adhesives











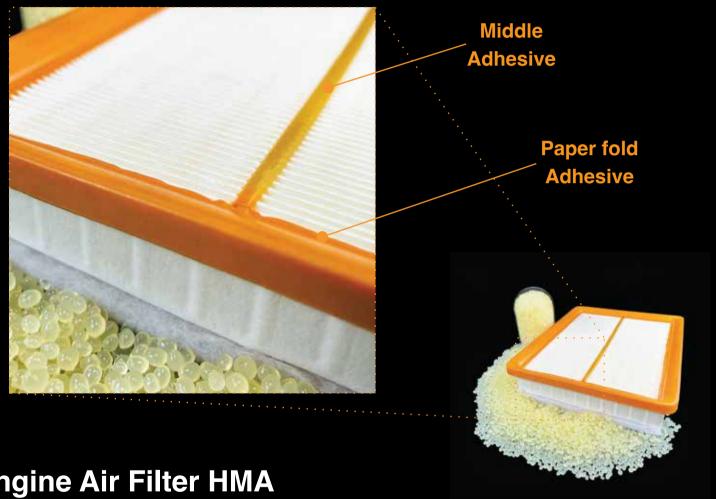




Hot Melt Adhesives for AUTOMOBILE FILTERS

Automotive filtration is divided into air conditioning filtration, air filtration and oil filtration, which respectively play a role in reducing VOCs in the car and protecting the engine and auto parts.

Our series of products are divided into origami glue, welt glue, interior glue. They are use in the assembly and fixation of filter elements, with low VOC and improved product temperature resistance.



Engine Air Filter HMA

Model	Туре	Format	Color	Translucency	Viscosity cps/180°C	Softening Point	Processing temperature	Applications
G0013	PO Polyolefin	Granules	Amber	Transparent	13000±3000	145±5°C	180-200°C	Vehicle engine air filter
G4001	PO Polyolefin	Granules	Cream	Translucent	8000±800	120±5°C	160-180°C	Vehicle engine air filter
G6036	PO Polyolefin	Granules	Cream	Translucent	9000±1000	145±5°C	170-190°C	Vehicle engine air filter
G7023	PO Polyolefin	Granules	Yellow	Translucent	8000±800	145±5°C	180-200°C	Vehicle engine air filter

Car Engine Air Filter Adhesive

(Polyolefin base)

- After applied can resist temperatures as high as 130°C
- Can resist temperatures as low as -40°C
- Low density, can save 15%-25% in the amount of glue



POSEIDONCar A/C filter adhesive

(Polyolefin base)

- o Odorless
- Low Voc
- Resistance to temperatures as high as 130°C and low as -40°C
- Low density, can save 15%-25% in the amount of glue
- o Special custom soft glue can bent 180 degrees.





Hot Melt Adhesive

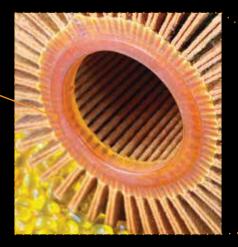


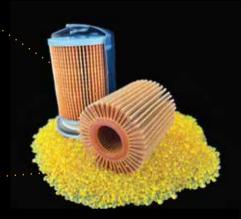


A/C Filter HMA

Model	Type	Format	Color	Translucency	Viscosity cps/180°C	Softening Point	Processing temperature	Applications
G3037	PO Polyolefin	Granules	White	Translucent	6000±600	105±5°C	160-180°C	Vehicle A/C filter welt
G3048	PO Polyolefin	Granules	White	Translucent	1700±300	110±5°C	135-155°C	Vehicle A/C filter welt
G3094	PO Polyolefin	Granules	White	Translucent	1700±300	110±5°C	130-150°C	Vehicle A/C filter welt
G4025	PO Polyolefin	Granules	White	Transparent	8000±800	120±5°C	160-180°C	Vehicle A/C filter welt
G6038	PO Polyolefin	Granules	White	Translucent	7800±800	137±5°C	170-190°C	Vehicle A/C filter welt
G6039	PO Polyolefin	Granules	White	Transparent	7500±800	140±5°C	180-200°C	Vehicle A/C filter welt
J1024	EVA	Granules	White	Translucent	8000±800	85±5°C	160-180°C	Vehicle A/C filter welt

Hot Melt Adhesive





Oil Filter HMA

Model	Туре	Format	Color	Translucency	Viscosity cps/180°C	Softening Point	Processing temperature	Applications
14034	PA Polyamide	Granules	Amber	Transparent	5000±500	120±5°C	200-220°C	Oil filter
19035	PA Polyamide	Granules	Amber	Transparent	4500+500	160+5°C	200-220°C	Oil filter

Industrial Air filter adhesive

(Polyolefin base)

- Odorless
- Low VOC
- Does not crack
- Good adhesion
- Low density, can save 15%-25% in the amount of glue
- Low gluing temperature, not easy to carbonize



Hot Melt Adhesives for INDUSTRIAL AIR FILTERS

Poseidon hot melt adhesive can achieve a good bonding effect on filter bonding; environmental protection, high-strength bonding, cold and heat resistance, aging resistance, excellent performance and stable quality, which can provide perfection for various manufacturers looking for bonding solutions.



Industrial Air filter HMA

Model	Туре	Format	Color	Translucency	Viscosity cps/180°C	Softening Point	Processing temperature	Applications
G2018	PO Polyolefin	Granules	White	Translucent	1400±200	100±5°C	160-180°C	Bonding and strengthening of filter structure
G3019	PO Polyolefin	Granules	White	Translucent	3000±500	110±5°C	160-180°C	Bonding and strengthening of filter structure
G3040	PO Polyolefin	Granules	White	Translucent	3300±500	107±5°C	135-155°C	Bonding and strengthening of filter structure
G3048	PO Polyolefin	Granules	White	Translucent	1700±300	110±5°C	135-155°C	Bonding and strengthening of filter structure
G3094	PO Polyolefin	Granules	White	Translucent	1700±300	110±5°C	135-155°C	Bonding and strengthening of filter structure

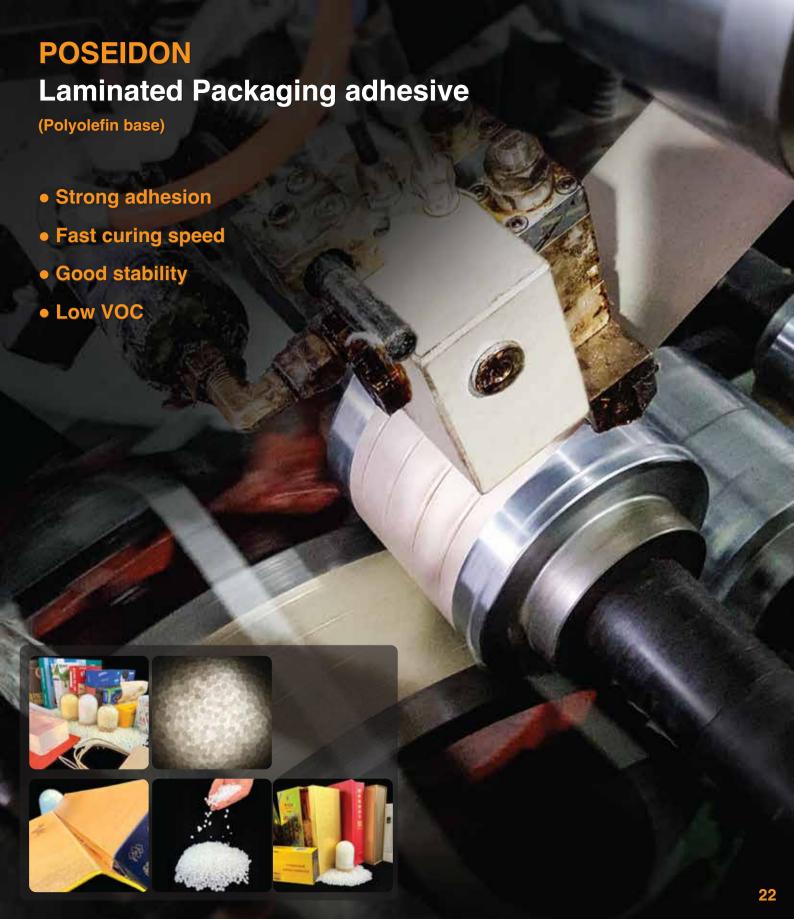
Hot Melt Adhesives for BOOKBINDING

Used in textbooks, reference books, yellow pages, magazines, brochures, notebooks and other bindings.

Bookbinding HMA

Model	Туре	Format	Color	Translucency	Viscosity cps/180°C	Softening Point	Processing temperature	Applications
G0002	PO Polyolefin	Granules	White	Opaque	4600±500	80±5°C	160-180°C	Bookbinding spine adhesive
G0032	PO Polyolefin	Granules	White	Translucent	900±200	95±5°C	140-160°C	Bookbinding side adhesive
G2011	PO Polyolefin	Granules	White	Translucent	3500±500	100±5°C	120-140°C	Bookbinding spine adhesive
G2153	PO Polyolefin	Granules	White	Translucent	4500±500	98±5°C	160-180°C	Bookbinding spine adhesive
G2170	PO Polyolefin	Granules	White	Translucent	6500±800	100±5°C	160-180°C	Bookbinding spine adhesive
G4003	PO Polyolefin	Granules	White	Translucent	3500±500	115±5°C	160-180°C	Bookbinding spine adhesive

POSEIDON Bookbinding adhesive (Polyolefin base) No acidic odor · Low VOCKIL Environmentaly iriendly **③**** 本文文七次 女 • Does not crack Good adhesion **POSEIDON**



Packaging adhesive













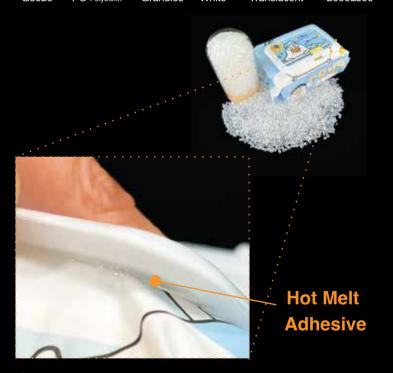


Hot Melt Adhesives for PACKAGING

Widely used in all kinds of packing boxes, cardboard boxes, bags manufacturing and sealing, folding boxes, and other special applications such as straws, lid glues and so on.

Regular Paper Packaging HMA

Model	Туре	Format	Color	Translucency	Viscosity cps/180°C	Softening Point	Processing temperature	Applications
G1006	PO Polyolefin	Granules	Cream	Translucent	1000±300	95±5°C	160-180°C	Tissue box
G1007	PO Polyolefin	Granules	Yellow	Translucent	3500±400	85±5°C	160-180°C	Paper bags and handles
G2005	PO Polyolefin	Granules	White	Translucent	2000±200	100±5°C	160-180°C	Manually seal packages
G3020	PO Polyolefin	Granules	White	Translucent	2000±300	107±5°C	160-180°C	Automatic sealing packages







Special Paper Packaging HMA

Model	Туре	Format	Color	Translucency	Viscosity cps/180°C	Softening Point	Processing temperature	Applications
C1009	Rubber SBS	Brick	Yellow	Translucent	1500±300	85±5°C	160-180°C	A4 paper packaging bag
C2008	Rubber SBS	Brick	Yellow	Translucent	2800±500	85±5°C	160-180°C	Paper bag edge
G3010	PO Polyolefin	Granules	White	Translucent	1500±300	105±5°C	160-180°C	Straw attachment
G3020	PO Polyolefin	Granules	White	Translucent	2000±300	107±5°C	160-180°C	Laminated or painted surfaces
G3179	PO Polyolefin	Granules	White	Translucent	1500±300	105±5°C	145-165°C	Moist napkins / wet wipes cover



Hot Melt Adhesives for EPE

110±5°C

128±5°C

160-180°C

145-165°C

1500±300

3500±500

Hot melt adhesives for Expanded Polyethylene (EPE) are use to bond the different layers together and reinforce the material.

White

White

Translucent

Translucent



Carton packages

Carton packages

EPE HMA

PO Polyolefin

PO Polyolefin

G3169

G5177

Granules

Granules

Model	Туре	Format	Color	Translucency	cps/180°C	Point	temperature	Applications
G2044	PO Polyolefin	Granules	White	Translucent	5000±800	95±5°C	160-180°C	EPE structural bonding and reinforcement
G3043	PO Polyolefin	Granules	White	Translucent	6500±800	100±5°C	160-180°C	EPE structural bonding and reinforcement



Pressure sensitive adhesives











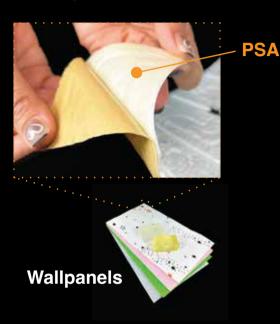




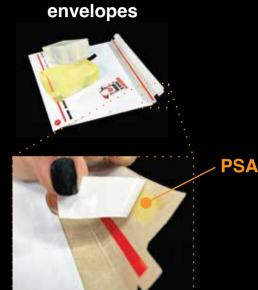
PRESSURE SENSITIVE ADHESIVES (PSA)

Non-reactive adhesives that form a bond when pressure is applied to glue the adhesive with a surface. No solvent, water, or heat is needed to activate the adhesive. Surface factors such as smoothness, surface energy, and removal of contaminants are also important to proper bonding. Can be use in manufacture of glue dots, label rolls, stickers, shipping envelopes, shipping bags,

bubble bags, wall panels and much more.

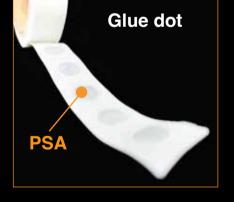


Shipping



Label rolls





Pressure sensitive adhesives

Model	Туре	Format	Color	Translucency	Viscosity cps/180°C	Softening Point	Processing temperature
C1026	Rubber SBS	Brick	Cream	Translucent	2800±500	85±5°C	160-180°C
C1027	Rubber SBS	Brick	Cream	Transparent	5000±500	90±5°C	160-180°C
C2028	Rubber SBS	Brick	Cream	Transparent	5800±600	100±5°C	160-180°C

Applications

Glue dots, label rolls, stickers, shipping envelopes, shipping bags, bubble bags, wall panels and other pressure sensitive applications

PSA

Pressure Sensitive Adhesive

(Rubber SBS base)

















Hot Melt Adhesives for the CAR INTERIOR

Applied in the assembly of vehicle trunk, cover, automotive interior, car, roof, auto parts sealing, automobile skylight sealing, automobile seat, lights and automobile tire.



CAR INTERIOR HMA

Model	Туре	Format	Color	Translucency	Viscosity cps/180°C		Processing temperature	Applications
B4017	PO Polyolefin	Brick	White	Translucent	3500±500	113±5°C	160-180°C	Car interior assembly

Hot Melt Adhesives for the FURNITURE INDUSTRY

Applied to curly hair sponge brush, carpet adhesive, waterproofing roll – roofing, sofa, sponge mattress, spring mattress, mattress, sticky hair device, sticky roller, cleaning tape, mouse glue and cushion.

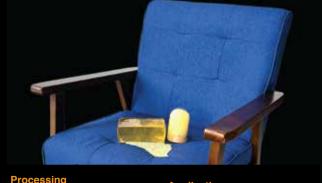
Home improvement series products are designed to replace traditional yellow glue, which has disadvantages such as more

volatiles such as formaldehyde than traditional yellow glue. Our products have the advantages of reducing VOC and increasing production capacity.

Our series of products include G1007, C2006, which are used in furniture woodworking edge banding and lamination, mattress spring assembly and sofa leather lamination.

FURNITURE INDUSTRY HMA

Model	Туре	Format	Color	Translucency	Viscosity cps/180°C	Softening Point	Processing temperature	Applications
G1007	PO Polyolefin	Granules	Yellow	Translucent	3000±500	85±5°C	160-180°C	woodworking industry
C2008	Rubber SBS	Brick	Yellow	Translucent	1000±200	95±5°C	160-180°C	woodworking industry























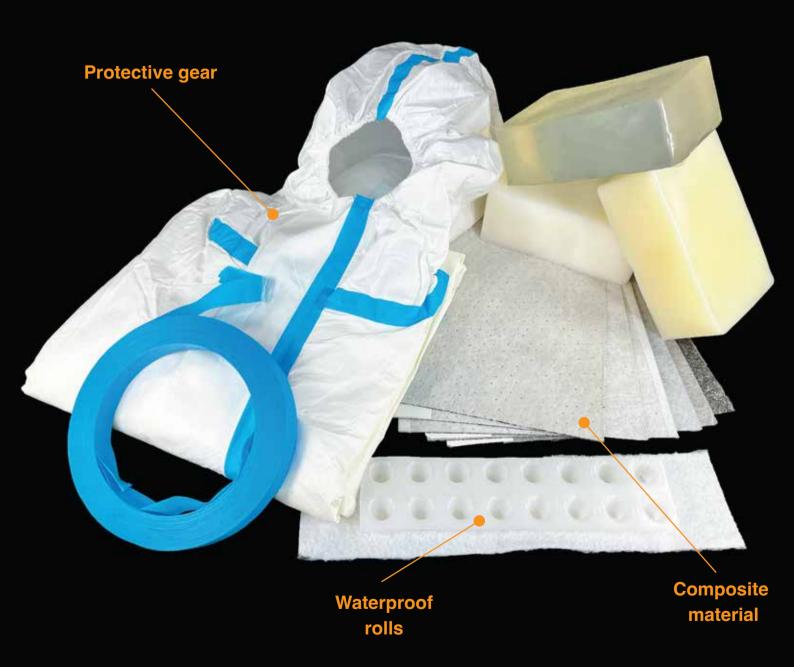
Hot melt adhesive sticks can be applied to handcrafts, toys, electronics, packaging, glass products, ceramics, and much more.

HMA Sticks

Model	Туре	Format	Color	Translucency	Viscosity cps/180°C	Softening Point	Processing temperature	Applications
S1014	PO Polyolefin	Stick	White	Translucent	8000±800	110±5°C	160-180°C	Special use, such as laminated surfaces.
S4101	PO Polyolefin	Stick	White	Translucent	7500±800	112±5°C	160-175°C	Bonding and strengthening of filter structure
S7183	PO Polyolefin	Stick	White	Opaque	16000±3000	145±5°C	160-180°C	Bonding and strengthening of filter structure
U7045	PA Polyamide	Stick	Yellow	Transparent	2000±350	150±5°C	180-200°C	Special use (High temperature)
V0004	EVA	Stick	White	Translucent	7500±800	80±5°C	160-180°C	General purpose adhesive
V0176	EVA	Stick	White	Transparent	9250±500	76±3°C	125-145°C	General purpose adhesive
V0182	EVA	Stick	White	Transparent	8500±500	78±5°C	120-140°C	General purpose adhesive
V0188	EVA	Stick	White	Transparent	6500±500	78±2°C	120-140°C	General purpose adhesive
V0189	EVA	Stick	White	Transparent	9000±2000	80±5°C	140-160°C	General purpose adhesive
V0192	EVA	Stick	Yellow	Translucent	6250±500	76±3°C	125-145°C	General purpose adhesive
V0193	EVA	Stick	Black	Opaque	6250±250	78±2°C	125-145°C	General purpose adhesive
V1184	EVA	Stick	White	Opaque	12000±1000	87±5°C	140-160°C	General purpose adhesive
V1185	EVA	Stick	White	Translucent	6000±1000	82±3°C	140-160°C	General purpose adhesive
V1186	EVA	Stick	Yellow	Opaque	6000±1000	83±5°C	140-160°C	General purpose adhesive
V1191	EVA	Stick	White	Transparent	65000±15000	90±5°C	160-180°C	General purpose adhesive
V6190	EVA	Stick	White	Opaque	12500±2500	135±10°C	180-200°C	Automotive interiors and electronic appliances

The following data are typical values and should not be used as product specifications

Other applications













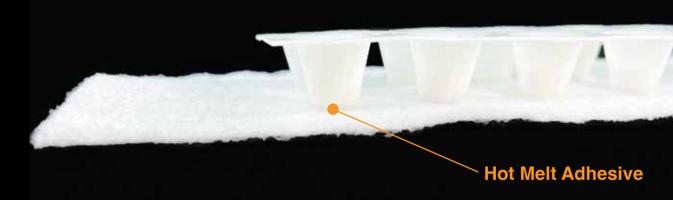


Hot Melt Adhesives for PROTECTION GEAR

Our Hot Melt Adhesives are use to bond the layers and parts in the protective gear manufacture.

Protection gear HMA

Model	Туре	Format	Color	Translucency	Viscosity cps/180°C	Softening Point	Processing temperature	Applications
C2180	Rubber SBS	Brick	Cream	Opaque	1200±300	95±5°C	160-180°C	Protective gear
H2181	Rubber SBS	Granules	Cream	Opaque	1425+300	80+5°C	160-180°C	Protective gear



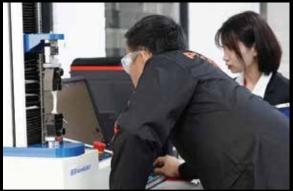
Hot Melt Adhesives for WATERPROOF ROLLS

Our Hot Melt Adhesives are use to bond both materials in the waterproof rolls

Waterproof roll HMA

Model	Туре	Format	Color	Translucency			temperature	Applications
G5177	PO Polyolefin	Granules	White	Translucent	3500±500	128±5°C	145-165°C	Waterproof roll





"If you can't find the right HMA, we at POSEIDON can develop one specifically for your production needs"

Charlie Lee - R&D Manager

PRODUCT PACKAGING

25 kg Kraft paper Laminated Pp Woven bag (Granules)

aper Laminated



25 kg heavy duty cartoon box (Bricks, Sticks and Line)



Cutomizable or Blank



Maximum 1 ton /Pallet (40 bags or boxes)



Packaging weight not inluded





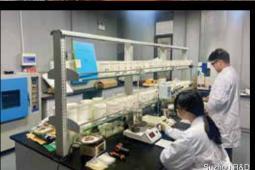


























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