



■ Head office and factories

Address: 940 Minaminagai Tokorozawa City Saitama pref 359-0011 Japan
Phone: +81-4-2944-5151 Fax: +81-4-2944-1396

■ Tomioka factory

Address: 1280 Okamoto Tomioka City Gunma pref 370-2321 Japan
Phone: +81-274-70-2611 Fax: +81-274-70-2612

■ Shiki Office

Address: 2nd Fukushima Bldg 4F A2-31-14 Northeast Niiza city Saitama Pref 3520001 Japan
Phone: +81-48-485-2550 Fax: +81-48-485-2551

■ 本社・工場

所在地: 〒359-0011 埼玉県所沢市南永井940
TEL: 04-2944-5151(代) FAX: 04-2944-1396

■ 富岡工場

所在地: 〒370-2321 群馬県富岡市岡本1280
TEL: 0274-70-2611(代) FAX: 0274-70-2612

■ 志木営業所

所在地: 〒352-0001 埼玉県新座市東北2-31-14 第2福島ビル4F A号
TEL: 06-6998-0055(代) FAX: 06-6998-0033

URL: <https://www.kgk-tape.co.jp>
E-mail: info-k@kgk-tape.co.jp

Contact us

Japan Invention Awards

*Molecular gradient double tac tapa *May clean gel
Liquid crystal polymer film

Industrial Double Sided Tape



Start the new value creation
KGK Chemical Corp.

Philosophy

Respect for truth and new challenges

- Keep conventional technology.
- Continue to challenge new fields.
- Create new functions.

Through the above we will fulfill our duty to continue to be a member who contributes to the evolution of society and science.

Mission statement

Multifunctional technology

Based on coating technology we will create multifunctional films such as adhesion, gas barrier, thermoplastic, thermosetting, electrical conductivity, heat conduction, water activity.

Corporate Data

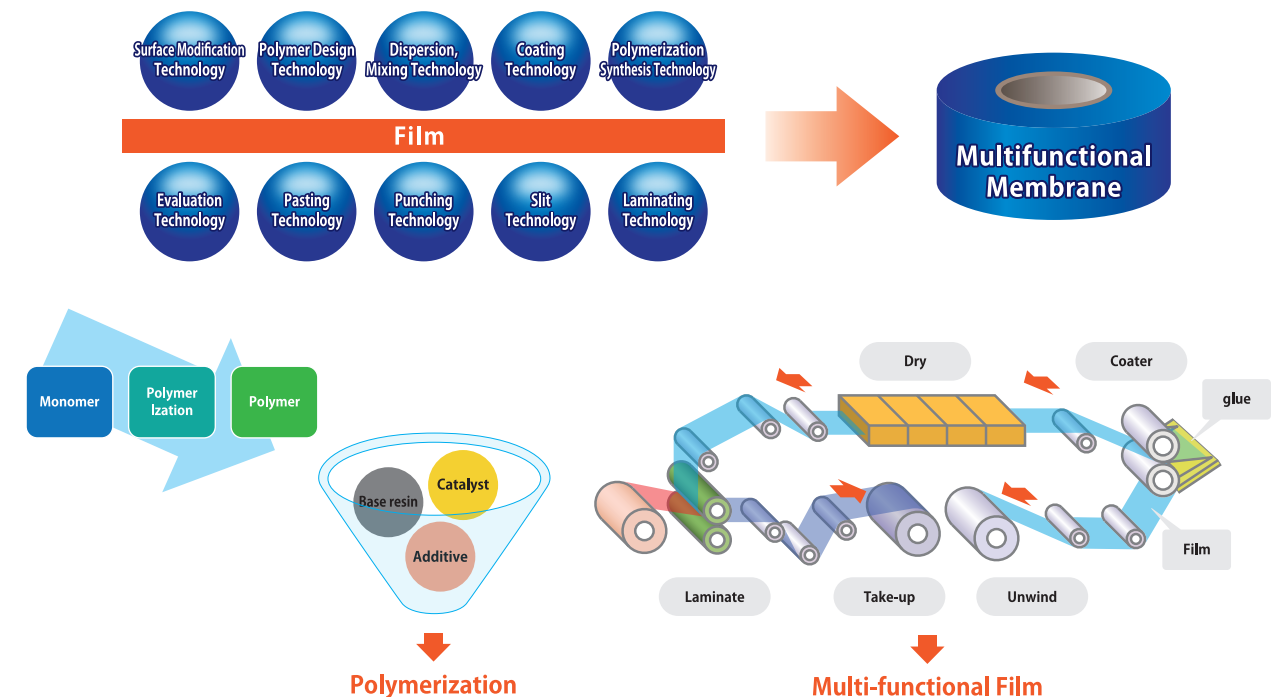
- Company Name : KGK (KGK Chemical Corp.)
- Date of Foundation : Oct-1979
- Head Office : 359-0011 940 Minaminagai Tokorozawa-city Saitama-pref. JAPAN
- President : Shokichi Hamano
- Number of Employees : 80 (Oct,2016)
- Paid-in Capital : 50million yen
- Our Business : Manufacturing of adhesive tape , multi-functional film

Corporate history

- 1979** Start production of adhesive tape (Tokorozawa factory)
- 1985** Introduction of clean room production machine
- 2001** New factory (Tomioka factory) established
- 2004** Tomioka factory expansion
- 2006** Acquired ISO 9001 · Eco Action 21
- 2009** Ministry of Education, Culture, Sports, Science and Technology Award
- 2013** Expansion of 2nd Tomioka factory
- 2014** Ministry of Economy, Trade and Industry Certified as Advanced Specific R & D Planning Company
- 2016** Acquire additional land for Tomioka factory

MULTI-FUNCTIONAL TECHNOLOGY COMPANY

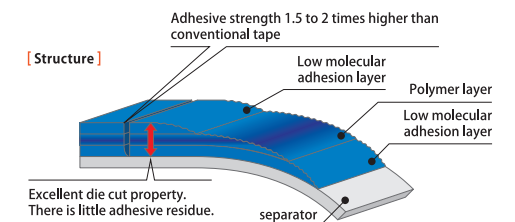
We Solve Customer's Problems With Multifunctional Technology.



® Molecule Gradient Tape

Feature

- Conventional concept changed tape due to molecular gradient This tape is thin, strong adhesion, high heat resistance, good punching characteristics.
- It is thin, strong adhesive, high heat resistance, excellent punching processability, blocking resistance double tac tape
- Excellent die cut property, less adhesive residue
- Adhesive strength 1.5 to 2 times higher than conventional tape



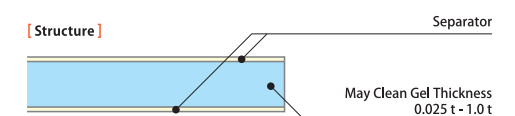
Structure : Three-layer gradation structure

1 layer : low molecular adhesive layer / 2 layers : polymer special layer / 3 layers : low molecular adhesive layer

® May Clean Gel Optical Bonding Tape

Feature

- It has extremely high transparency. It is excellent in vibration absorption and prevents breakage of glass. Since it has high cohesive force, it is excellent in reworkability and has little adhesive residue. Low corrosion to ITO.

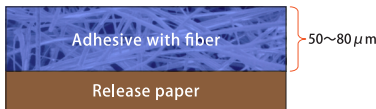


Mechanical Fiber Tape

Feature: Double tac tape type

Tape thickness is less than 100μ
Adhesion higher than nonwoven fabric base tape

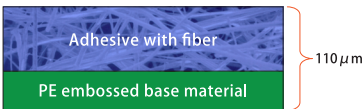
[Structure]



Feature: Curing tape type (cut fiber)

The elongation of the base material was suppressed and the breaking strength and the hand cutting property were improved

[Structure]



[Basic Properties]

	Double tac tape type	Curing tape type (cut fiber)
Adhesive force	24N/25mm	7N/25mm
Elongation	60%	15%
Breaking strength	0.5N/10mm	16N/25mm
Holding power (1kg, 6hr)	1.0mm	1.0mm
Ball tack	6	6

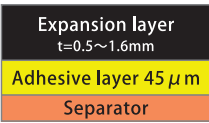
Heat Stopper®

Product: 800 T / Heat expands to shut out fire and smoke invasion

Feature

- Applications : Fireproof of building materials, housing equipment arousal part, wiring and penetrating members.
- Because it is soft, it is easy to stick even curved surfaces.
- It is hard to burn on PVC base (equivalent to V - 0 of UL 94).
- Color: Black, Gray

[Structure]



[Basic properties]

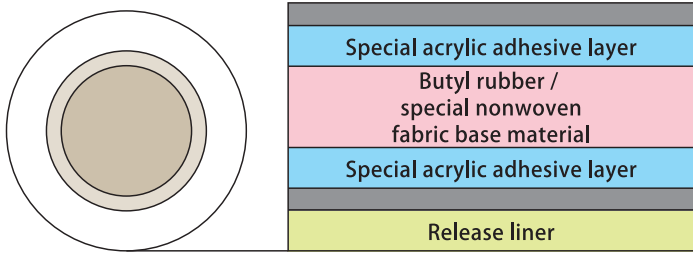
Expansion ratio	40 times	Adhesive force	27N/25mm
Inflation start temperature	190℃	Growth rate	60%
Heating residue	51.2%	Breaking strength	34N/10mm
Flash point	206℃	Specific gravity	1.2
Flame retardance (UL 94)	V-0	Asker C hardness	84
Thermal conductivity	0.31W/mK		

Waterproof sealer material "603B"

What is 603B?

Sheets impregnated with butyl rubber in polyester fiber nonwoven fabric and acrylic pressure-sensitive adhesive. It has characteristics of both butyl rubber and tough nonwoven fabric and has excellent characteristics as sealing material.

[Tape configuration]



Feature

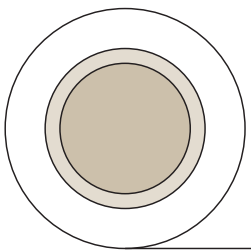
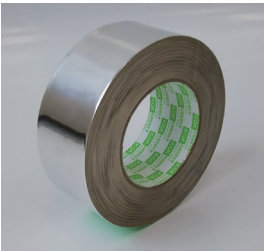
- Excellent water-proofing property and excellent weather resistance and excellent characteristics as a sealer material
- Light and good handling
- Good punching characteristics and excellent dimensional stability
- Rubber fluidization is small at the time of assembly, less deformation

Super Aluminum Tape

What is Super Aluminum Tape?

Composite tape made by pasting aluminum foil and film imparted with hand cut by special treatment

[Tape configuration]



Acrylic adhesive layer
Polyethylene base material
Adhesive treatment layer
Aluminum foil

Back surface release treatment

Feature

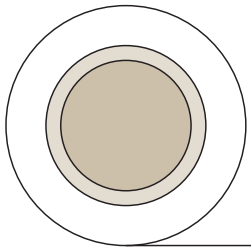
- It is excellent in thermal conductivity and hand-cut property.
- Use of a pressure sensitive adhesive excellent in durability and weather resistance. Long-term reliability.
- Toluene not used

Curing Tape “cut Ace”

Cut Ace

It is flexible and it does not stretch.
It is a tape that can be handled straight.

[Tape configuration]



Acrylic adhesive layer
PE cross substrate

Surface release treatment

Feature

- Good hand-cutness (no scissors required)
- Less adhesive residue
- Contamination on adherends is small
- Toxic gas is not generated even if incinerated
- Toluene is not used for pressure sensitive adhesive

Molecular gradient membrane

Features: Low-profile design, strong adhesion, following ability, excellent heat resistance and processability

Product number	Thickness (mm)	Base material	Adhesive force (N/25mm)	Holding power (mm)	Feature	length (m)	Remarks
200 A 50	0.05	Special structure acrylic adhesive layer	18	-	Good performance not only for metal but also for each resin.Excellent followability and resilience.Excellent adhesion even at high temperatures.	50	
300 A 100	0.1	Special structure acrylic adhesive layer	22	-	Good performance not only for metal but also for each resin.Excellent followability and resilience.Excellent adhesion even at high temperatures.	50	
200 Y 50	0.05	Special structure acrylic adhesive layer	10 (22)	-	Thin and heat resistant tape.It has initial tack at normal temperature.It can be used in the same manner as a normal adhesive tape.Adhesive strength rises above 150 °C .	50	() Is after heating
300 Z 300 B	0.3	Special structure acrylic adhesive layer	44	-	Strong adhesion.Good performance not only for metal but also for each resin.High adhesion to difficult-to-bond surfaces.Since there is no use of a foam base, there is no concern of water immersion due to air bubbles.	50	

May Clean Gel

Features: high transparency and shock absorption

Product number	Thickness (mm)	Base material	Adhesive force (N/25mm)	Holding power (mm)	Feature	length (m)	Remarks
MGC S 50	0.5	Double-sided tape based on acrylic gel.	35	-	Strong adhesion There is no adhesive residue	0.5	(Size) 500 × 0.5
MGC S 100	1.0	Double-sided tape based on acrylic gel.	40	-		0.5	(Size) 500 × 0.5

Non-woven substrate double-sided tape

Product number	Thickness (mm)	Base material	Adhesive force (N/25mm)	Holding power (mm)	Feature	length (m)	Remarks
201	0.12	Non-woven	16	0.1	Standard double-sided tape with basic adhesion.Fixation of various industrial materials.Well-balanced adhesionThermal insulation propertiesProcessability.	50	
201 TH	0.13	Non-woven	21	-	Excellent double-sided adhesive tape with low polarity resin such as PP and PE.	50	
201 M	0.11	Non-woven	20	-	Double-sided tape with excellent initial tack.Excellent double-sided adhesive tape with low polarity resin such as PP and PE.Non-toluene type.	50	
207	0.25	Non-woven	14	0.1	Excellent adhesion to rough adherends	30	
201 V	0.14	Non-woven	19	0.1	Low VOC type standard double-sided tape.Emulsion adhesive.	50	
205 ER	0.14	Non-woven	15	0.1	Strong double-sided tape for recycling that can be peeled off cleanly without adhesive residue	50	

Foam base double sided tape

Product number	Thickness (mm)	Base material	Adhesive force (N/25mm)	Holding power (mm)	Feature	length (m)	Remarks
241 M	1.0	Special foam base	25.5	-	Rough surface adhesion Initial adhesion Excellent low temperature adhesion Non-toluene type For adhesion of kitchen panels.	20	
241	0.7	Special foam base	19	0.1	Good performance not only for metal but also for each resin. Rough surface adhesion Excellent holding power	10	
2403	0.45	Special foam base	25	0.1	Super strong adhesion type Excellent weatherability Excellent heat resistance	33	
241 B	0.7	Special foam base	21	0.1	Good performance not only for metal but also for each resin. Rough surface adhesionExcellent holding power.	15	

Aluminum tape

Product number	Thickness (mm)	Base material	Adhesive force (N/25mm)	Holding power (mm)	Feature	length (m)	Remarks
500	0.09	Soft aluminum foil	19	-	High adhesion durability Performance with excellent thermal conductivity. Air conditioning and insulation and corrosion protection applications.	50	No shine
501	0.09	Soft aluminum foil	19	-	High adhesion durability Performance with excellent thermal conductivity. Air conditioning and insulation and corrosion protection applications.	50	Shiny
Super aluminum 520	0.16	Aluminum / PE	18	-	There is no release paper and no rubbish. Good hand cutability Excellent curved surface followability The finish is also beautiful. Air conditioning and heat insulation and repair applications.	50	
Super Aluminum VH	0.2	Aluminum / PE	30	-	Super strong adhesion type. There is no release paper and no rubbish. Good hand cutability Excellent curved surface followability The finish is also beautiful. Air conditioning and heat insulation and repair applications.	20	

Painting Masking / Floor Curing Tape [Cut Ace]

Product number	Color	Peel adhesive force SUS (N/25mm)	Width × Length × Number of packages (Box) (mm) × (M) × (Roll)	Feature	Application
Cut ace MF (Green)	Green	7.5	50mm × 25M × 30Roll	Flexibility, Good hand cutability	For waterproof airtight For paint masking For curing For binding
Cut ace MF (Blue)	Blue	7.5	50mm × 25M × 30Roll	Flexibility, Good hand cutability	For waterproof airtight For paint masking For curing For binding
Cut ace MS (Blue Green)	Blue Green	7.5	50mm × 25M × 30Roll	Flexibility, Good hand cutability	For waterproof airtight For paint masking For curing For binding
Cut ace MS (White)	White	7.5	50mm × 25M × 30Roll	Flexibility, Good hand cutability	For waterproof airtight For paint masking For curing For binding
Cut ace MT (Orange)	Orange	7.5	50mm × 50M × 30Roll	Flexibility, Good hand cutability	For waterproof airtight For paint masking For curing For binding

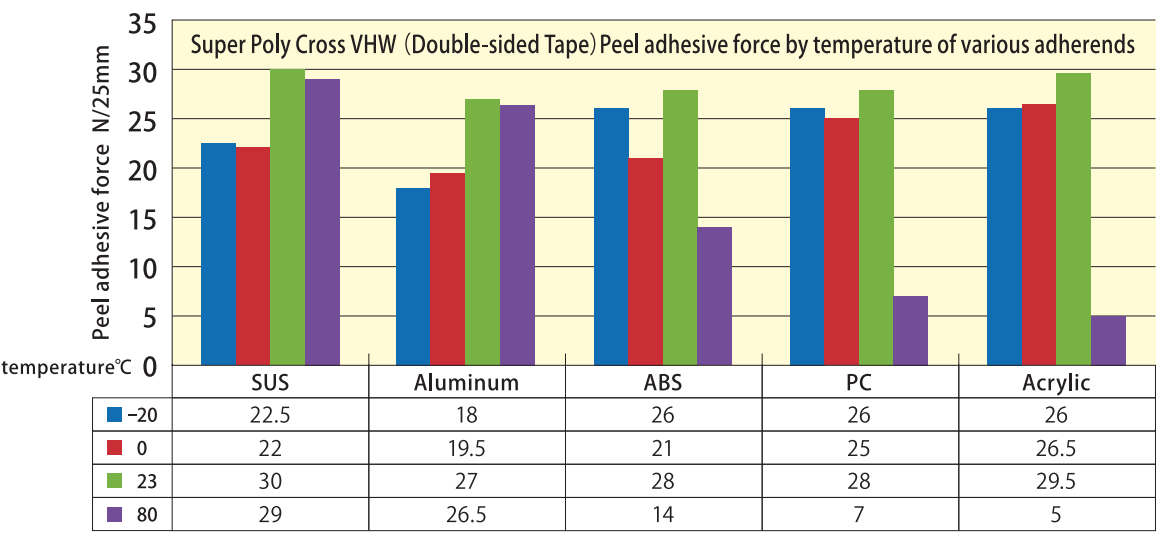
The distributor of CUT ACE [MF] [MS] becomes SUMIKA PLASTECH CO.,Ltd.  SUMIKA PLASTECH Co.,Ltd.

Waterproof Airtight Member Series

~Energy saving building components~

Recommended 3 points

- ① The base material used is excellent in strength and hand cutability and excellent in workability.
 - ② It has excellent adhesion to various adherends. Since the adhesive layer has appropriate fluidity, it strongly adheres to the rough surface.
 - ③ Strong adhesion not only to high temperatures but also to low temperatures.
- ※No use of toluene. NYG Association Recommendation.



Waterproof Airtight Member

Product number	Thickness (mm)	Base material	Adhesive force (N/25mm)	Holding power (mm)	Feature	Application	Size (Width mm × Length mm)	Number of packages (roll)	Tape color
Super Poly Cross VH (single sided tape)	0.2	PE cross	30	2.0	The base material used is excellent in strength, hand cutability and excellent workability. It has excellent adhesion to various adherends and has adequate fluidity to the adhesive layer, so it adheres strongly to rough surfaces.	Around the sash Around the floor Aperture Joint waterproofing of base Waterproof and airtight	50 × 20 75 × 20 100 × 20	36 24 18	Black Natural
Super Poly Cross VHW (Double sided Tape)	0.3	PE cross	30	2.0	Strong adhesion at high temperatures as well as at low temperatures. NYG Association Recommendation (JTC quality standard passing product) No use of toluene	Moisture-permeable waterproof sheet Airtight waterproof such as insulation material tie Around piping Airtight waterproof seal such as around the body feed Emergency repair such as outdoor products	50 × 20 75 × 20 100 × 20	36 24 18	Black
603 B	1.1	Non-woven Butyl rubber	13	0.5	Waterproof tape with excellent weather resistance Aluminum sash corner part waterproof Water stop application of handrail joint	Waterproof tape with excellent weather resistance Aluminum sash corner part waterproof Water stop application of handrail joint	1000 × 20	-	Black
Cell seal P	3.0 5.0 10.0	EPDM foam +PET	10	-	Special film structure (patented) Good hand cutability Excellent workability. Good performance not only for metal but also for each resin. There is no release paper and no rubbish.	Airtight sealing for housing materials Unit house, heat insulation panel and storage air tight seal application	20 × 15 50 × 15 50 × 3.5	50 20 20	Black

Application

- Around the sash Around the floor Aperture Base and other joints waterproof.
- Connection of moisture-permeable waterproof sheet and waterproofing applications.
- Connection of 2×4 panel insulation and waterproofing applications.
- First aid applications such as outdoor products.

Mechanical Fiber Tape

Product number	Base material	Thickness (mm)	Peel adhesive force SUS (N/25mm)	Application	Notes
Mechanical fiber	Non carrier	0.08	24.0	For bonding of various members	BTO

Cut Fiber Tape

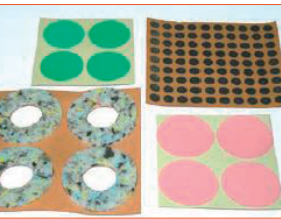
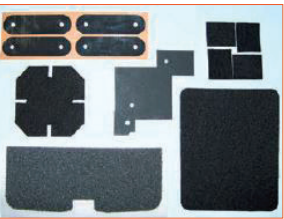
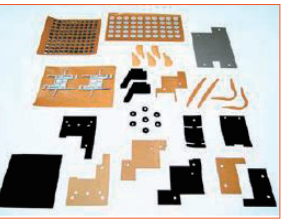
Product number	Structure	Thickness (mm)	Peel adhesive force SUS (N/25mm)	Application	Width × Length × Number of packages (Box) (mm) × (M) × (Roll)
Cut Fiber Tape 10	Special substrate layer Acrylic adhesive layer	0.11	7.0	For floor	50mm × 20M × 40Roll
Cut Fiber Tape 20	Special substrate layer Acrylic adhesive layer	0.11	9.0	For walls	50mm × 20M × 40Roll
Cut Fiber Tape 30	Special substrate layer Acrylic adhesive layer	0.11	11.0	For binding	50mm × 20M × 40Roll

Japanese Paper Masking Tape

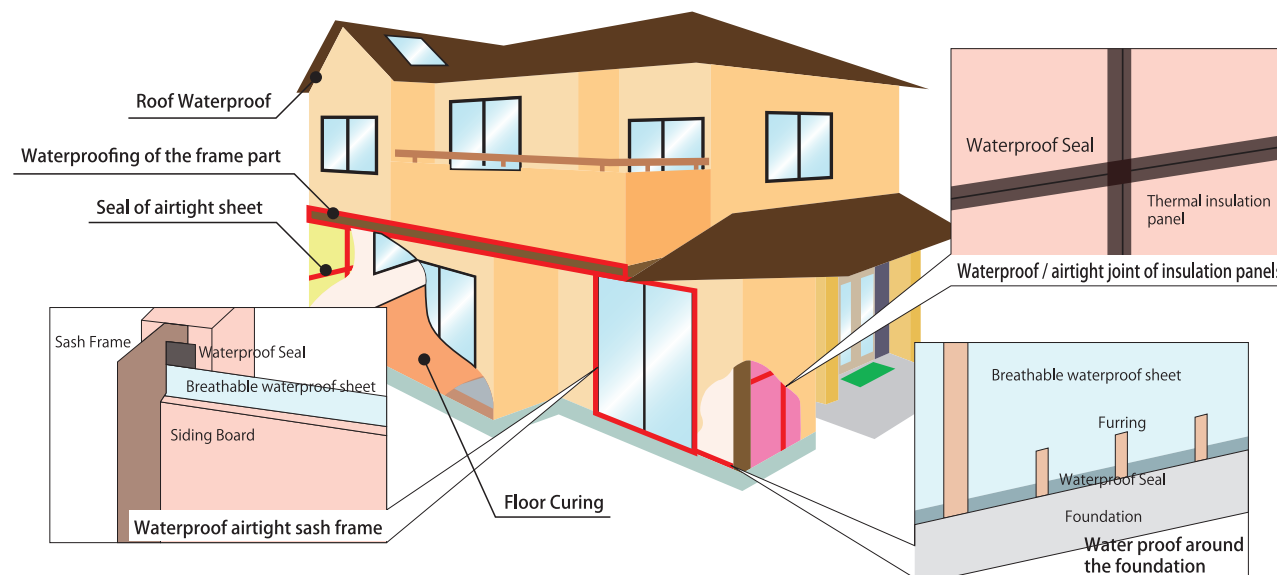
Product number	Structure	Thickness (mm)	Peel adhesive force SUS (N/25mm)	Application	Width × Length × Number of packages (Box) (mm) × (M) × (Roll)
Masking tape 104	Special wet non-woven layer Acrylic adhesive layer	0.11	7.0	For paint masking of cars and construction sites	18mm × 18M × 5Roll

[Molecule Gradient Tape] Consistent production in-house is possible from adhesive coating to pressing, slitting and other processing.

KGK handles various punching products. We will manufacture adhesive punched products with the desired specifications such as cushioning materials, waterproof packing, long rolls of double-sided tape, and sports tapes in the fields of construction materials and vehicles.



Application



Caution

- The data in our catalog is not a guaranteed value.
- Descriptions and specification values may be changed without notice.
- Sales may be canceled without notice.
- Please use after confirming that it meets each application.
- Please remove the oil, moisture, dirt, etc adhering to the surface of the object to be pasted cleanly and stick it so that it does not touch the adhesive surface.
- Please be sure to check stock status at the time of ordering.
- It is recommended that the application temperature be around 20°C (68°F).
- Please apply sufficient pressure after pasting.
- There may be connection points in the product.

Storage condition

Products should be kept indoors to avoid condensation and direct sunlight. It is recommended that it be stored vertically under the following temperature and humidity conditions.

Temperature : 10 to 25 °C (50 to 77°F) Humidity : 30 to 70%

Warranty

- We can not control the process conditions of each customer. Therefore, we can not guarantee process-dependent characteristics and quality.
- Although the results of our technical data are based on actual data, we do not guarantee that customers will obtain equivalent results when using that product.
- Seller's obligation is only to replace the product proved to be defective and we are not responsible for any injuries or damage resulting from incomplete handling of the product. Please check before using whether it is suitable for use.

Notes for safety

- When handling products, individual differences may cause allergic symptoms such as skin irritation, rash, headache due to odor, discomfort etc.
- Therefore work in a ventilated environment. Or wear appropriate protective equipment such as gloves, masks, protective eyewear.
- Our products also have flammable materials. Please comply with laws and keep it or discard it.
- Please wear gloves so as not to cut your hand at the edge of the film.
- Please do not leave the peeled separator on the floor because it is slippery.