



Best-Tapes & Choice

CATALOGUE



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August (HK) New Material Technology Co., Ltd.
Dongguan August New Material Technology Co., Ltd.



Best-Tapes & Choice

All Tapes Solutions

At August, we design and produce adhesive tapes for the most challenging applications.

With over 20 years technical experience & background in manufacturing high quality of all kinds of packing materials of PVC, BOPP tapes, PE, PET, PVC films for both industrial and packing, and adhesive etc. We are the one focused on the best-in-class packing materials manufacturing & turn-key project planning.

We've been in the field for decades with our unique combination of quality materials, strong supplier partnerships, excellent quality products, and an amazing team.

We care more about how our customers could make the right investment and power positive revenue by choosing the right products at minimum costs. Motivated by years of mastery of packing value chain, August is available to offer all you want. When you need someone who can find the right material for your application, who understands your application, and who is responsive to your needs, the August staff is there for you.



PVC Electrical Insulation Tape

Application Areas:

- Sealing
- Padding of cable insulation
- Bundling
- Reinforcing
- As insulation in the electrical and tele-communications sector
- Colour coding

Application Environment:

- Normal/Moderate Temperatures and Conditions
- Good workability even at low temperatures
- Particularly weather-resistant PVC all-weather tape can also be used at low temperatures.



Specification		Size		TDS	Operating Temperature
Carrier	PVC Film	Thickness	0.1mm-0.21mm	Adhesion(kg/cm): 0.18↑ Tensile Strength(kg/cm): 1.2↑ Enlogation(%): 150↑	-10°C-80°C
		Width	9mm-1260MM		
Adhesive	Nature Rubber	Length	10y-200M		
		Jumbo Roll	1260mm, 200m		

Features:

- Insulation protection Flame resistance
- Weather resistance
- Cold resistance
- High voltage resistance
- Easy removable without residue



PVC Pipe Wrapping Tape

Features:

- Multi-purpose
- Anti-corrosion
- UV resistance
- Strong adhesion
- No residue

Application Areas:

- Pipe wrapping tape has a variety of applications in different industries, primarily focused on providing corrosion protection and ensuring the longevity and integrity of pipes and pipelines.



Specification		Size		TDS	Operating Temperature
Carrier	PVC Film	Thickness	0.11MM-0.5mm	Adhesion(kg/cm): 0.3-0.6↑ Tensile (kg/cm): 2.0-7.0↑ Enlogation(%): 150↑	-10°C-80°C
Adhesive	Nature Rubber	Length	10y-200M		
		Jumbo Roll	1260mm, 200m		



PVC Easy Tear Tape / Embossed Tape

A hand-tearable general purpose tape with a rubber adhesive and embossed vinyl backing.



Application:

- Temporary repairs, identification, contrast, decoration, securing wiring, bundling, sealing, holding, protecting and other jobs including applications requiring moisture resistance.

Features:

- High tensile strength,high elongation at break;
- Easy to tear and conforms to irregular surfaces;
- Embossed vinyl backing seals dust, dirt, and moisture;
- Withstand high/low temperature;
- Operation and installation easily.

Specification		Size		TDS	Operating Temperature
Carrier	PVC Film	Thickness	50MIC-170MIC	Initially stick force (#) 8-10 Peeling strength (N/25MM) ≥ 1.8 Holding force (H) ≥ 24 Tensile strength (N/CM) ≥ 18 Elongations at break: ≥ 120%	-10°C-80°C
Adhesive	Nature Rubber	Length	10y-200M		
		Jumbo Roll	1260mm, 200m		



PVC / Non-woven Wire Harness Tape

Features:

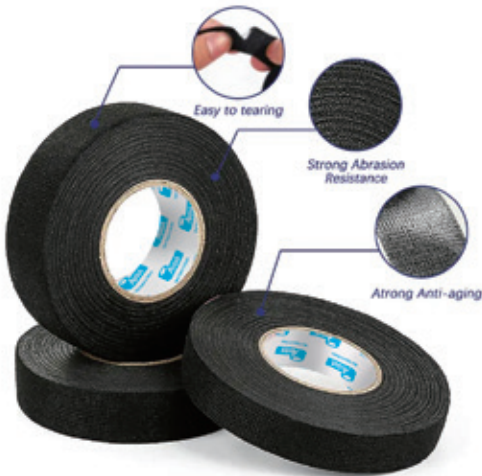
- Easy Tear
- High Temperature Resistance
- Waterproof
- Low odor, low fogging and low VOCs emission
- Anti-Abrasion
- Flame resistance

Application:

- Jointing & Bundling wires for automotive industry;
- Wrapping and protecting wire harnesses in automotive, electronics, and industrial settings;
- General electrical purpose and manual wiring harness. Heat resistance;
- Can reach 136°C.



Specification		Size		TDS	Operating Temperature
Carrier	PVC Film	Thickness	PVC:0.11-0.18mm Non Woven:0.18-0.3mm	Adhesion(kg/cm): 0.16↑ / 0.25↑ Tensile (kg/cm): 1.4↑/ 6↑ Enlogation(%): 450↑ / -	80°C-136°C
	PET-NON Woven	Width	9mm-1260MM		
Adhesive	Nature Rubber	Length	10y-200M		
		Jumbo Roll	1260mm, 200m		



PVC Fine Line Masking Tape

Features:

- Auto & painting fine line masking
- 100-180 °C resistance
- Anti-acid & corrosion
- Soft PVC stick well at edges
- No residue

Application:

- Mainly used for car painting protection;
- Suitable for indoor and outdoor;
- Coding, binding, fixing, repairing, sealing, protection for kinds of industrial applications.



Specification		Size		TDS	Operating Temperature
Carrier	PVC Film	Thickness	0.11-0.13mm	Initially stick force (#) 3.7N/CM Tensile strength (N/CM) ≥ 25 Elongation at break: 150-80%	100°C-160°C
Adhesive	Nature Rubber	Length	10-66m		
		Jumbo Roll	1260mm, 200m		



PVC Can Sealing Tape

PVC cans sealing tape usually in transparent fog soft material, PVC film, rubber base. Moderate viscosity, Low bit cadmium and environment friendly products, safe and non-toxic. Surface protection of corrosion resistant plate, and food canned sealing. Prevent surface abrasion & pollution in process & shipping of production.

Application:

- Cookies, tin tea cans, glass cans, plastic cans, PC boxes and other sealing cans.

Features:

- Food grade packing tape
- Excellent viscosity
- No residue
- Glossy & matte



Specification		Size		TDS	Operating Temperature
Carrier	PVC Film	Thickness	0.10mm-0.13mm	Initially stick force (#) 6-14 Peeling strength (KG/25MM) ≥ 0.3KGS Holding force (H) ≥ 24 Tensile strength (kgs/10mm) ≥ 2.0 Elongation at break: 150%	80°C-100°C
		Width	12mm-1260mm		
Adhesive	Nature Rubber	Length	66M		
		Jumbo Roll	1260mm, 200m		



PVC Window Frame Protection Tape

Features:

- Perfectly performance
- UV resistance
- No residue after removing
- Can be printed

Application:

- For the protection of aluminium or plastic steel doors and windows, which can prevent articles from being contaminated.
- Suitable for indoor and outdoor.
- Suitable for normal temperature range.
- Coding, binding, fixing, repairing, sealing, protection for kinds of industrial applications.

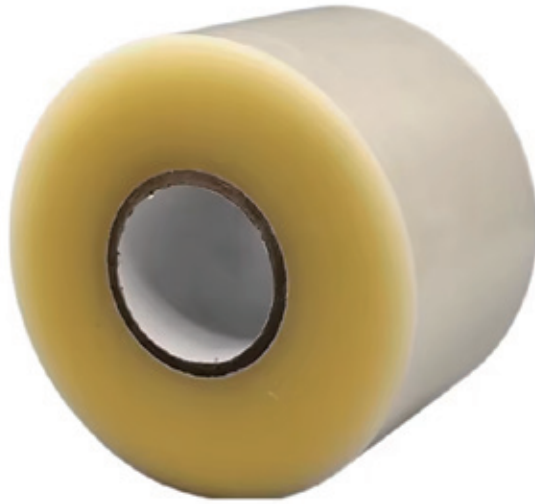


Specification		Size		TDS	Operating Temperature
Carrier	PVC Film	Thickness	0.10mm-0.50mm	Adhesion(kg/cm): Low Tack:15-150 Medium Tack: 80-200 High Tack: 400↑ Tensile Strength(kg/cm): 1.8↑ Enlogation(%): 150↑	0°C-100°C
		Width	12mm-1260mm		
Adhesive	Nature Rubber	Length	10y-200M		
		Jumbo Roll	1260mm, 200m		

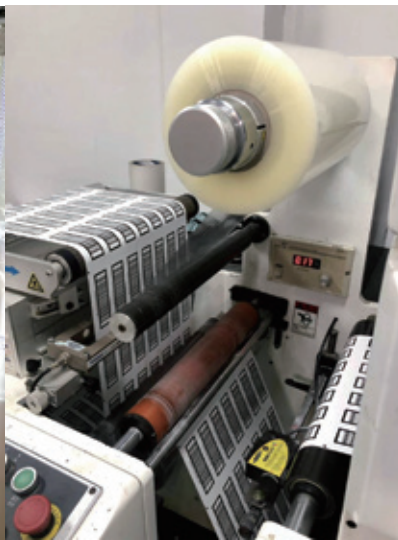


Over Lamination Film

Uses Bopp film as base material, and coated with high grade clear emulsionrylic. Apply to paper, PP synthetic paper, etc. With high gloss and high qulity, the product can reach up to 4000meters, improve the efficiency of prodcuton and reduce the number of volume change.



1. The physical and performance properties shown are averages obtained from tests. A particular roll may vary slightly from these averages and it is recommended taht the buyer determine the suiatbility for his own purposes.
2. The product meets the requirements of the European Union packaging materials (Pb,Hg,Cd, Cr VI≤100 PPM).
3. One year when stored at 23℃ and 50% relative humidity, and we accept the compliant in a year.



Masking Tape

Full Ranges of the Tapes for variou application:

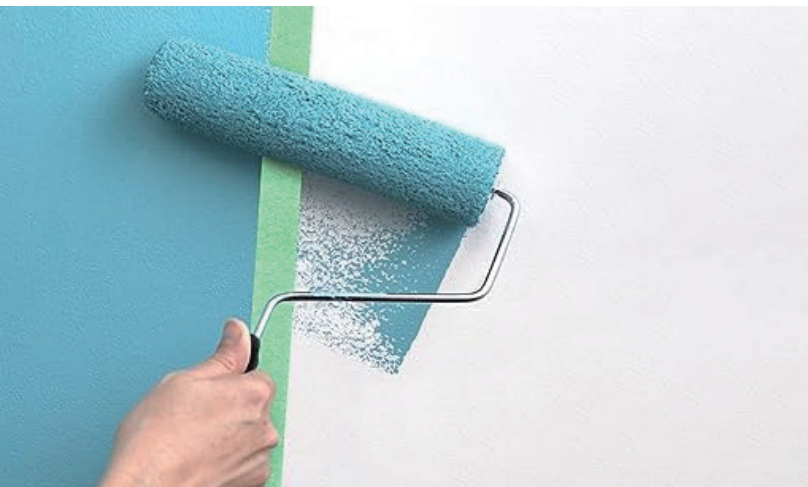
- **General Masking Tape** used for a range of packaging, bundling, holding, splicing, masking and labeling applications;
- **Automotive Masking Tape** suitable for use in masking applications where moderate heat is applied, 80 °C -100 °C ;
- **Clean Removal Painter's Tape**,Special adhesive system permits clean removal from a wide variety of surfaces for up to 7 days;
- **PE Stucco Tapes** ideal for both outdoor and indoor applications.

Features:

- Crepe paper tape, anti-seepage;
- Clean removal without residue;
- Low tack easily peeled off;
- High temperature resistant.



Specification		Size		TDS	Operating Temperature
Carrier	Crepe paper	Thickness	100-150mic	Adhesion(kg/cm): 0.3 Tensile (kg/cm): 3.5 Elongation: 9 %	-40°C - 120°C
Adhesive	Acrylic / Synthetic rubber	Width	12-1250mm		
		Length	10-1800m		
		Jumbo Roll	1250mm 1800m		



Double Sided Foam / Tissue / PET / Tape

- D/S tissue tape,widely be used with bonding with light objects (DIY, crafts, office, industry and home);
- D/S PE&EVA Foam Tape,much better than D/S tissue tape. used in bonding of heavy objects;
- D/S Duct Tape;
- D/S PET Fiberglass Tape is widely used in bonding heavy objects of carpet, household appliances, cars, trains, subways, ships and other fields;
- VHB (vinly) tape is used in a widely field, home decoration, industry usage, and etc;
- Double Side Nano Tape.

Specification		Size		Operating Temperature
Carrier	Tissue paper	Thickness	80-120mic	Tissue Tape: 0℃ - 40℃ EVA foam: -20℃ - 60℃ VHB: 100℃ Fiberglass: 60℃ - 100℃
	PE&EVA foam		1-2.5mm	
	Vinyl		1-3mm	
	PET fiberglass		220-240mic	
Adhesive	Acrylic / Synthetic rubber	Width	12-1620mm	
		Length	5-1000m	
		Jumbo Roll	1020-1040mm 1000m	



Heat Shrink Wrap

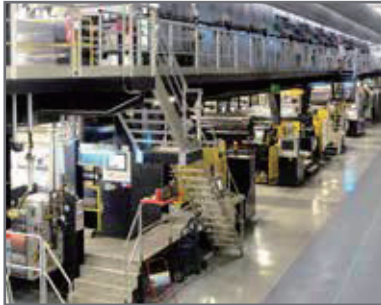
- **POF Shrink film**, is a strong, versatile form of shrink wrap, provides a better packaging experience with several available options, which include cross-linked, anti-fog, and low-temperature shrink wrap. Best of all, polyolefin is FDA-approved for direct food contact.
- **PE Heat Shrink Film**, recyclable, a heavier-duty shrink film used for larger commercial items like beverage multipacks, as well as for industrial applications.
- **PVC Shrink Film**, the most commonly used shrink film,It has applications in packaging for CDs/DVDs, boxes for software and video games, and other non-edible objects.



Type	Size		Comparing
POF	Thickness	10-30mic	More expensive than PVC, considered a premium replacement for PVC, but more puncture-resistant and temperature-resistant. FDA-approved for direct food contact.
PE		50mic -300mic	More expensive than PVC or polyolefin, but thicker, tougher, and more stretchable. Also it's the only one of these three types of shrink wrap that's recyclable.
PVC		19mic-25mic	The most commonly used shrink film.More tear-resistant than polyolefin, but sensitive to temperature changes.It also releases harmful fumes during sealing and heating.



Custom Manufacturing and Processing



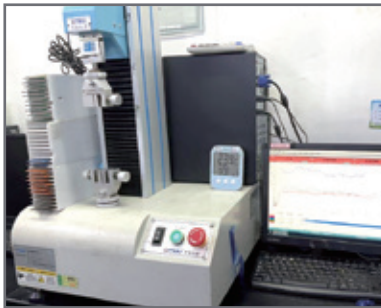
Coating

Coating of single-sided, double-sided and transfer tapes with solvent, hot-melt and water based technology.



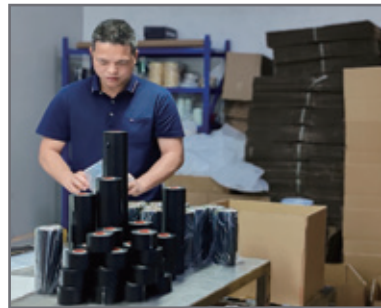
Custom roll cutting

Lathe or slitter cutting of single-sided adhesive, double-sided adhesive and foam rolls to a defined extent.



Testing

We inspect the materials, semi products and final products in the whole process.

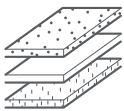


Package

Well packed of the products in the box with a safty delivery.

Factors to be considered when choosing an adhesive tape

Surface to be bonded



Material

- **Type:** plastic, glass, metal, paper, wood, fabric, etc.
- **Features:** adhesive compatibility, anti-adhesive properties, surface tension, wettability, permeability, etc.



Substrate

- **Type:** smooth, corrugated, uneven
- **Morphology:** linear, convex, concave, etc.

Application and storage conditions



Environmental conditions

- Indoors or outdoors
- Temperature, humidity, exposure to atmospheric agents, light or salt water, etc.



Presence of contaminants

Acids, oils, dust, solvents, etc.

Final application



Operating temperature



Required application features

- Temporary or permanent application
- Application modalities



Presence of mechanical stress in operation



Application pressure

- Surface pressure value
- Pressure times



Shelf life of the adhesive tape

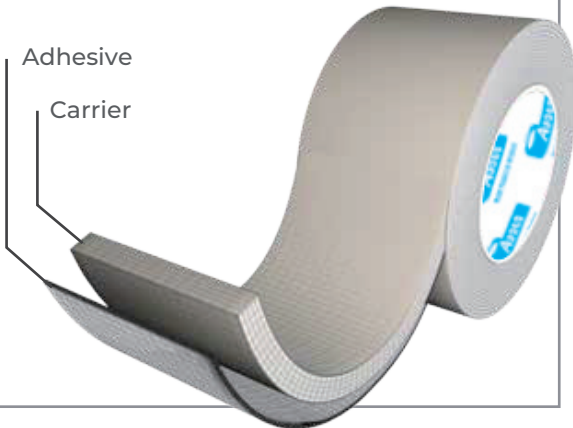
Tape Construction

Adhesive tape are distinguished by their construction, adhesive, carrier material and liner. Depending on the components used, the tapes offer specific features that make them suitable for different applications and needs: type of substrate, environmental and operating conditions, function and durability.

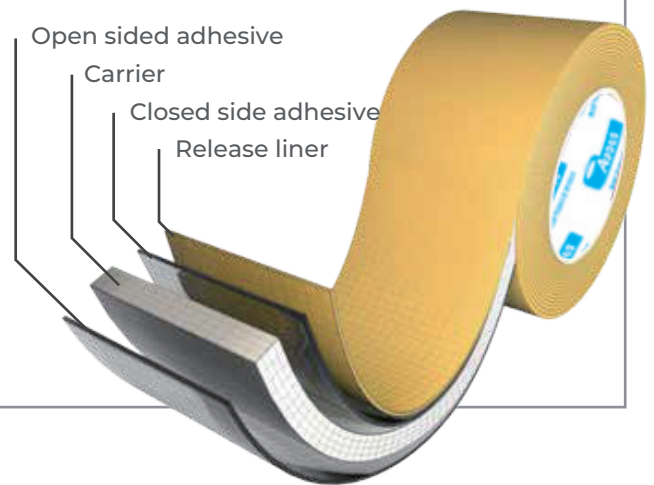
August offers a wide range of adhesive tapes for a broad variety of industrial applications and a team of experienced technicians to support you in choosing the best solution for your needs.

Tape construction

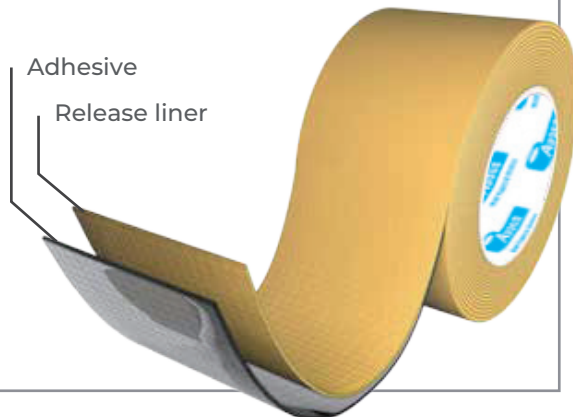
Single-sided adhesive tape



Double-sided adhesive tape



Transfer adhesive tape



Liner

Removable material protecting the adhesive carrier. It facilitates unwinding and correct application of the tapes.

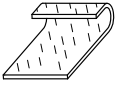
Carrier

Backing material on which the adhesive is applied. It determines conformability, tensile strength and elongation of the tape.

Adhesive

Pressure sensitive adhesive of natural, synthetic or silicone origin. Viscosity, cohesion and adhesion properties determine the performance of the tape.

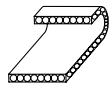
Types of Carriers



Film

Filmic adhesive tapes are generally thinner than foam tapes. They are used on smooth and uniform surfaces where transpaernt fixing is required. They provide dimensional / chemical stability and moisture resistance.

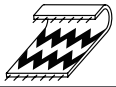
Backing material	Elongation capability	Temperature resistance	Conformability	Chemical resistance
PET film	● ○ ○ ○	● ● ● ●	● ○ ○ ○	● ● ● ●
PP film	● ● ● ○	● ● ● ○	● ● ○ ○	● ● ● ○
Rigid PVC film	● ● ○ ○	● ● ○ ○	● ○ ○ ○	● ● ○ ○
Plasticized PVC film	● ● ● ●	● ○ ○ ○	● ● ● ●	● ● ○ ○



Foam

Adhesive foam tapes are generally thicker than film tapes. Soft and conformable, they are suitable for application on uneven surfaces or when filling properties are required. Cloased cell foarms provide impermeability to liquids. They offer thermal expansion compensation and vibration absorption freatures.

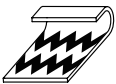
Backing material	Elongation capability	Temperature resistance	Conformability	Chemical resistance
PE foam	● ● ● ○	● ● ○ ○	● ● ● ○	● ● ● ○
PU foam	● ● ● ●	● ● ● ○	● ● ● ●	● ● ● ○



Woven Fabric

Fabric adhesive tapes are able to offer conformability, temperature, humidity and chemical resistance.

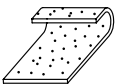
Backing material	Elongation capability	Temperature resistance	Conformability	Chemical resistance
PET fabric	● ○ ○ ○	● ● ● ○	● ● ○ ○	● ● ○ ○
Cloth tissue	● ○ ○ ○	● ● ○ ○	● ● ○ ○	● ● ○ ○



Non-Woven Fabric

Non-Woven Fabric adhesive tapes offer high confromability, temperature resistance and air permeability, and allow easy tearing by hand.

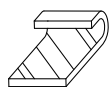
Backing material	Elongation capability	Temperature resistance	Conformability	Chemical resistance
Non-woven fabric	● ○ ○ ○	● ● ● ○	● ● ● ○	● ● ○ ○



Cellulose

Paper adhesive tapes are hand-tearable and offer good conformability.

Backing material	Elongation capability	Temperature resistance	Conformability	Chemical resistance
Paper	○ ○ ○ ○	● ○ ○ ○	● ● ● ○	● ○ ○ ○



Metals

Metal adhesive tapes have insulating properties and are resistant to temperature, UV rays, weathering, ageing, water, oily substances and solvents.

Backing material	Elongation capability	Temperature resistance	Conformability	Chemical resistance
Aluminium	○ ○ ○ ○	● ● ● ●	● ● ○ ○	● ● ● ○

Believing in the heart, there is often an opportunity for things to truly happen in life, thanks to the choices we make. Place your trust in me, Augus will astonish you with a better us!

-----Augus



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