



Best-Tapes & Choice

CATALOGUE

Your Challenges, Our Mission!



Augus (HK) New Material Technology Co., Ltd.
Dongguan Augus New Material Technology Co., Ltd.
Augus (Vietnam) 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.



The best ideas are the ones that stick.

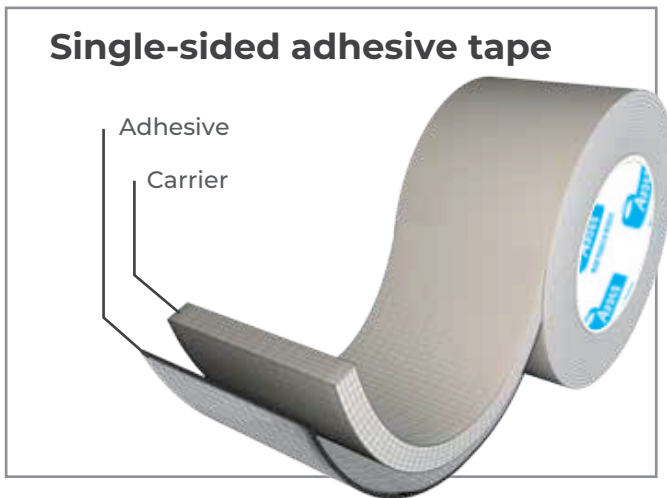
Tape Construction

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.

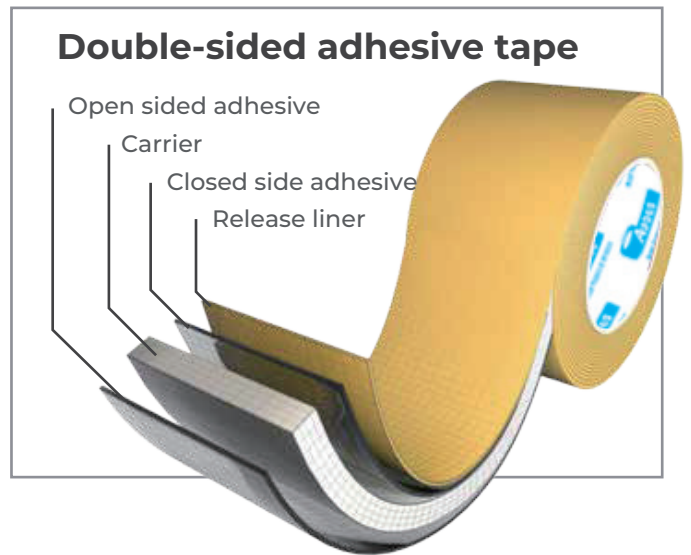
Augus offers a wide range of adhesive tapes for a broad variety of industrial applications and a team of experienced technicians to support you in choosing the best solution for your needs.

Tape construction

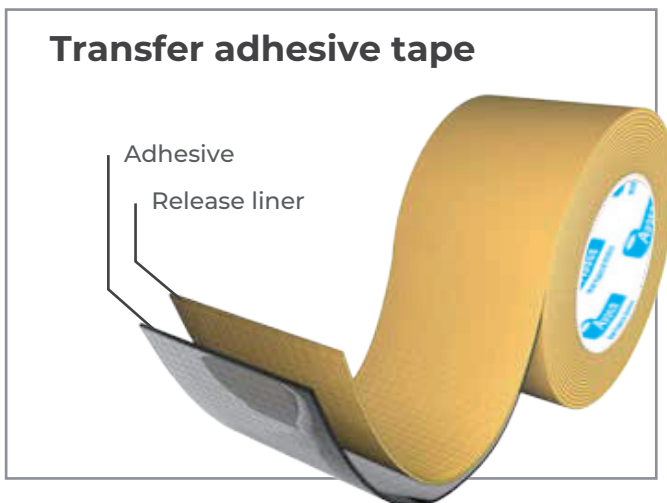
Single-sided adhesive tape



Double-sided adhesive tape



Transfer adhesive tape



Liner

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

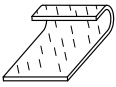
Carrier

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.

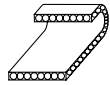
Types of Carriers



Film

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

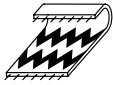
Backing material	Elongation capability	Temperature resistance	Conformability	Chemical resistance
PET film	● ○ ○ ○	● ● ● ●	● ○ ○ ○	● ● ● ●
PP film	● ● ● ○	● ● ● ○	● ● ○ ○	● ● ● ○
Rigid PVC film	● ● ○ ○	● ● ○ ○	● ○ ○ ○	● ● ○ ○
Plasticized PVC film	● ● ● ●	● ○ ○ ○	● ● ● ●	● ● ○ ○



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. Closed cell foams provide impermeability to liquids. They offer thermal expansion compensation and vibration absorption features.

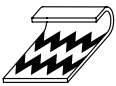
Backing material	Elongation capability	Temperature resistance	Conformability	Chemical resistance
PE foam	● ● ● ○	● ● ○ ○	● ● ● ○	● ● ● ○
PU foam	● ● ● ●	● ● ● ○	● ● ● ●	● ● ● ○



Woven Fabric

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

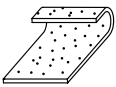
Backing material	Elongation capability	Temperature resistance	Conformability	Chemical resistance
PET fabric	● ○ ○ ○	● ● ● ○	● ● ○ ○	● ● ○ ○
Cloth tissue	● ○ ○ ○	● ● ○ ○	● ● ○ ○	● ● ○ ○



Non-Woven Fabric

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

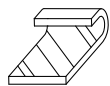
Backing material	Elongation capability	Temperature resistance	Conformability	Chemical resistance
Non-woven fabric	● ○ ○ ○	● ● ● ○	● ● ● ○	● ● ○ ○



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	○ ○ ○ ○	● ● ● ●	● ● ○ ○	● ● ● ○

PVC 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



Wire Harness Tape (PVC & PET NON Woven)

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.

Features:

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



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		



Self-fusing Silicone Rubber Tape

A self bonding tape, superior solution for high and low voltage insulation, starting the wrap, pull tight and it will stick to itself.

Features:

- Self-fusing material - bonds to itself. Sealing irregular shapes;
- Stretches 3x original length;
- Forms a strong seal even when wet;
- High temperature resistance up to 500°F (260°C), Remains flexible at temperatures as low as -80°F (-62°C);
- Seals air and moisture;
- Elastic traces for easy wrapping;
- Resistant to corrosion and harsh weather.



Property	Typical Value	Test Method
Tensile strength	6.76Mpa	ASTM D 4325
Elongation at break	480%	ASTM D 4325
Heat ageing (250°C 168H)	Pass	ASTM D 4325
Ozone ageing	Pass	ASTM D 1373
UV ageing	Pass	ASTM D 1373
Xenon ageing	Pass	ISO4892-2



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Surface Protection Tape (PVC)

Customized all-round high&low temperature resistant to meet different application needs.

- Fine Line masking tape
- Window Protection Tape
- Translucent Blue Tape
- PVC Embossed Clear Tape
- PVC Can Sealing Tape
- Hockey Tape



Features:

- UV resistance;
- Easy Unwind;
- Easy removal without residue;
- Printable;
- Customized all around High&Low Tack/Temperaautre.



Specification		Size		TDS	Operating Temperature
Carrier	PVC Film	Thickness	0.08mm-0.18mm	Adhesion(kg/cm): Low Tack:15-150 Medium Tack: 80-200 High Tack: 400+ Tensile Strength(kg/cm): 1.8+ Enlogation(%): 150+	-10°C-80°C
		Width	6mm-1260mm		
Adhesive	Nature Rubber	Length	10y-200M		
		Jumbo Roll	1260mm, 200m		



Pipe Wrapping Tape (PVC)

A Corrosion Protection Tape used to protect pipes and pipelines from corrosion, abrasion, and environmental factors.

Application:

- Suitable for industrial purpose;
- Providing corrosion protection and ensuring the longevity and integrity of pipes and pipelines.

Features:

- Excellent anti-abrasion, flexible and resistant to acid, alkalis and oil;
- With a non-corrosive pressure-sensitive adhesive, requiring no heat, moisture, or other manner of preparation to effect application;
- Water Resistance, Abrasion Resistance, and UV Resistance.



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		



Marking Tape (PVC)

Application:

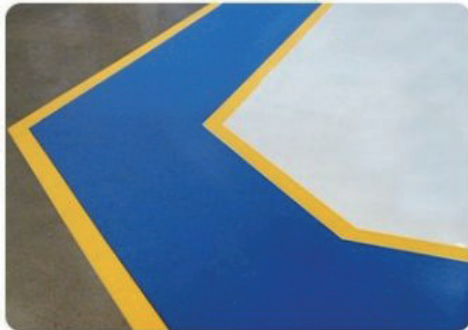
- Color-coding, floor & aisle marking;
- Safety warning in industrial environments, also for traffic control at public places;
- Pipe wrapping.

Features:

- Anti-static;
- Waterproof;
- High adhesion & Wear resistance;
- Moisture & Corrosion resistance;
- Customized sizes available.



Specification		Size		TDS	Operating Temperature
Carrier	PVC Film	Thickness	0.13MM-0.17mm	Adhesion(kg/cm): 0.16 Tensile (kg/cm): 2.0↑ Enlogation(%): 150↑	-10°C-80°C
Adhesive	Nature Rubber	Length	10y-200M		
		Jumbo Roll	1260mm, 200m		



PVC Easy Tear Duct Tape / Sealing Tape (Embossed)

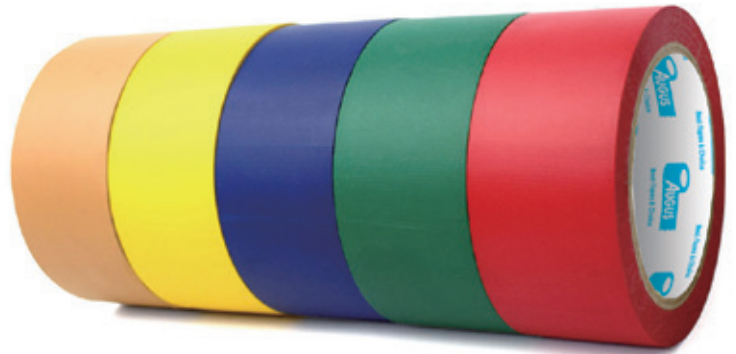
A hand-tearable general purpose tape with a rubber adhesive and embossed vinyl backing.

Application:

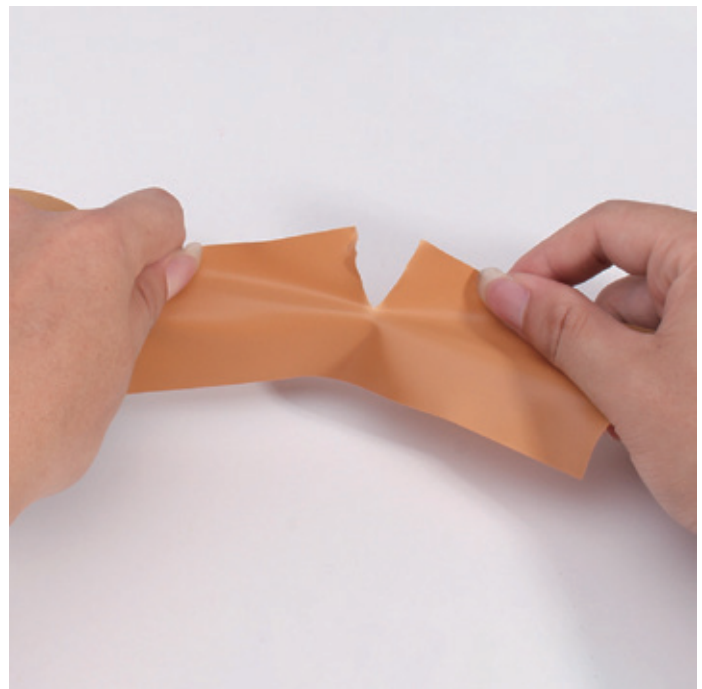
- Temporary repairs, identification, contrast, decoration, securing wiring, bundling, sealing, holding, protecting and other jobs including applications requiring moisture resistance.

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 Bakery Bag Sealing Tape

The tape is produced from Colored PVC film coated with natural rubber adhesive. It can withstand low temperature and high humidity. Recommended for Colour Marking, vegetable bundling, coding and decorative purpose, sealing of grocery or bakery plastic bag, security sealing in supermarkets, bakeries, and convenient stores.

Features:

- Available in various colors;
- High tensile strength;
- Long lasting adhesion;
- Silent unwinding.



Specification		Size		TDS	Operating Temperature
Carrier	Colored PVC	Thickness	50MIC-60MIC	Initially stick force (#) 6-8 Peeling strength (N/CM) ≥ 2.4 Holding force (H) ≥ 24 Tensile strength (N/CM) ≥ 53 Elongation at break: 70%	-10°C-80°C
Adhesive	Nature Rubber	Length	10y-200M		
		Jumbo Roll	1260mm, 200m		





Best-Tapes & Choice

DUCT, FOIL, MASKING & DOUBLE SIDE

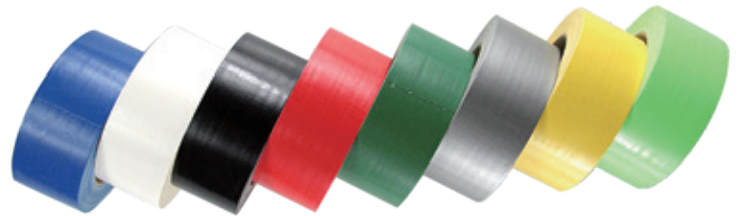


The best ideas are the ones that stick.

Cloth Duct Tape

Application:

- Maintenance and general repair;
- Joint Sealing and pipe wrapping;
- General purpose construction uses;
- Bundling, patching, and mending;
- Heavy-duty box sealing.



Specification		Size		TDS	Options	Operating Temperature
Carrier	PE + Gauze	Thickness	150-320mic 27mesh-70mesh	Adhesion(kg/cm): 0.6 Tensile (kg/cm): 4.0↑	27mesh -150mic 35mesh-160mic 50mesh-180mic-210mic 70mesh- 230mic-320mic We offer single and double sided duct tape. Normal color and fluorescent	0°C - 40°C
Adhesive	Hot-met/ Synthetic rubber	Width	12-1060mm			
		Length	10-1000m			
		Jumbo Roll	1060mm 500-1000m			



Masking Tape

Full Ranges of the Tapes for variou application:

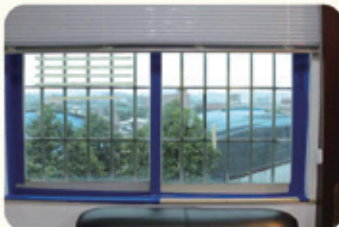
- **General Masking Tape** used for a range of packaging, bundling, holding, splicing, masking and labeling applications;
- **Automotive Masking Tape** suitable for use in masking applications where moderate heat is applied, 80 °C-100 °C;
- **Clean Removal Painter's Tape**, Special adhesive system permits 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		



Alumimun Foil Tape

Aluminum foil tape used widely with range hood, water heater, pipe, pipe repair, electrical signal shielding, and etc. It's suitable for refrigeration and reflection, such as indoor air conditioning pipe refrigerator water heater waterproof roof. Repair of pipe, insulation damage, with outstanding performance with high temperature resistance, shielding anti-interference, waterproof, moistureproof weather resistance, aging resistance and corrosion.

Features:

- Easy tear;
- High temperature resistance;
- Shielding anti-interference;
- Waterproof, moistureproof;
- Resistance weather;
- aging resistance and corrosion.



Specification		Size		TDS	Operating Temperature
Carrier	Aluminum foil + release paper	Thickness	45-50mic	Peel Adhesion(kg/cm): 0.6 Tensile (kg/cm): 8 Elongation: 4 %	60°C - 300°C
Adhesive	Acrylic / Synthetic rubber	Width	12-1250mm		
		Length	10-100m		
		Jumbo Roll	1250mm 1030m		



Double Sided 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.

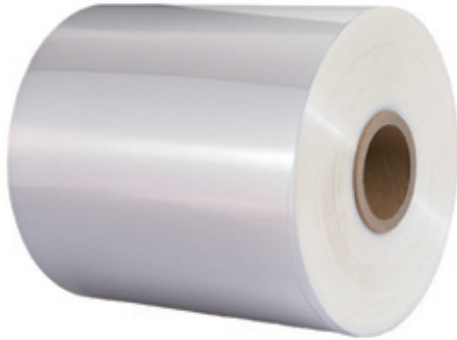
Specification		Size		Operating Temperature
Carrier	Tissue paper	Thickness	80-120mic	Tissue Tape: 0°C - 40°C EVA foam: -20°C - 60°C VHB: 100°C Fiberglass: 60°C - 100°C
	PE&EVA foam		1-2.5mm	
	Vinyl		1-3mm	
	PET fiberglass		220-240mic	
Adhesive	Acrylic / Synthetic rubber	Width	12-1620mm	
		Length	5-1000m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



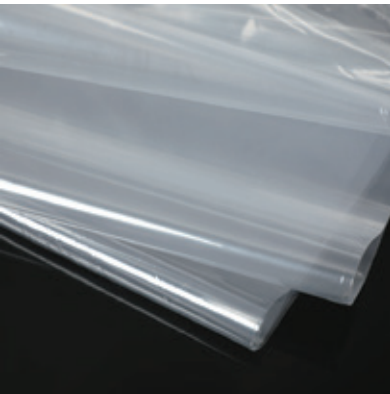
The best ideas are the ones that stick.

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.



Cling Film & Aluminum Foil for Food Wrapping

PVC Cling Film Jumbo roll	
Material	PVC cling film jumbo roll
Type	Casting film
Thickness	9-21mic
Width	25-50cm
Length	300-2500m
Common Packing	1 roll/2rolls



PVC Cling Film With Box	
Material	PVC cling film jumbo roll
Type	Casting film
Thickness	9-21mic
Width	25-50cm
Length	5-2500m
Common Packing	6 boxes/24boxes



PE Cling Film	
Material	PE Cling Film
Type	Casting film
Thickness	9-21mic
Width	25-50cm
Length	5-2500m
Common Packing	6 boxes/24boxes



Aluminium Foil	
Material	Aluminium Foil
Thickness	8-25mic
Width	10-50cm
Length	5-10000m
Common Packing	6 boxes/24boxes



OPP Acrylic Solvent Based Tape

Opp tape with acrylic solvent based adhesive, has high capacity. It is suitable for demanding to glue because its quality belongs to the highest grade.

Features:

- Special, solvent-based acrylic adhesive with high tack, adhesion, and holding power;
- Multi-purpose packaging where wide temperature ranges are required. Performs well in hot, humid and cold climate;
- Suitable for medium or heavy weight carton sealing purposes;
- Available in clear, brown/tan color, and printed film.



Material	Bopp + Solvent Acrylic Glue
Thickness(mic)	40mic - 65mic
Width(mm)	12- 500mm
Length	10-1500m
Color	Clear, Brown, Printed
Paper Core	3"inch/76mm in thickness 2.5mm-10mm
Jumbo rolls offered. Width: 980mm, 1280mm, 1620mm; Length: 4000m, 6000m, 8000m.	



High Temperature Tapes

AUGUS High temperature tapes mainly apply for the processing of Aerospace industry, Electrical&Electronic industry, Powder coating/painting industry, etc, with working temperature resistant to 300 C, the tapes include Polyimide tapes, PET Silicone tape, PTFE Teflon tape, Glass cloth silicone tape.



Polyester Silicone Tape (With & Without Linner)

Carrier	Polyester Film
Adhesive	Silicone
Thickness	60MIC(35+25) 80MIC(50+30) 100MIC(75+25)
Tack	8-10
Peeling Strength (N/25MM)	≥ 9-10
Tensile Strength (Mpas)	≥ 210Mpa (MD) ≥ 250Mpa (TD)
Color	Clear, Green, Blue



Kapton Polyimide tape

Carrier	Polyimide Film
Adhesive	Silicone
Thickness	60MIC-120MIC
Tack	6
Enlongation	25%-55%
Temperature Resistance	Short term: 300°C Long term: 260°C
Color	Amber



Glass Cloth PTFE Teflon Tape

Carrier	Glass Cloth impregnated with PTFE
Adhesive	Silicone
Thickness	130MIC-180MIC
Tack	6-9
Tensile Strength (N/25MM)	200-500
Temperature Resistance	-60 C -200 C
Color	Brown, White, Black

Biodegradable Packaging Tape

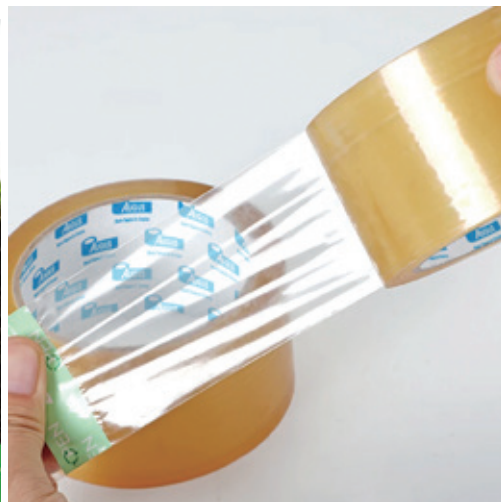
The base material of this August biodegradable sticky tape is cellulose film, which is made of natural cellulose such as cotton pulp or wood pulp as raw materials through special processing. It not only has good flexibility, Moreover, it has high transparency, just like glass, so it is called "cellophane".

Application:

Biodegradable Clear Packing Tape is for sealing, attaching, and mending carton boxes. moving, shipping, packaging, box, and carton sealing, also for removing clothing dust and pet hair.

Features:

- Made of natural cellulose film;
- Low noise, anti-static and writable;
- Water-based pressure sensitive adhesive;
- Service/Operating temperature: 374°F.



The best ideas are the ones that stick.

One Stop Solution from A to Z

AUGUS Offerings: Marketing Analysis; Product Development;
Processing Work Flow; Production Guidance.

1. A Complete Packing Tapes Manufacturing Process



Glue Preparation Units
(With Reactors & Accessories)

1



Coating Process
coating the film with proper adhesive

2



Slitting (cutting) Process
(Converting machine+Packaging Machine)

3



Packing Tapes Case Packer

4

2. Formular of the Suitable adhesive for application

Adhesives come in a variety of formulas, offering unique benefits, Augus provide a various options for specific applications.

- Depending on the backing material

BOPP, PE, PET, PVC, PAPER

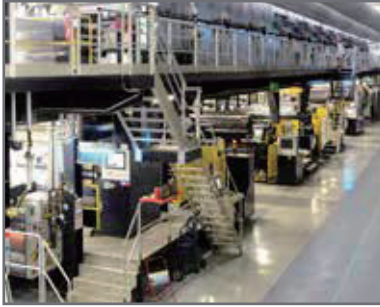
- Depending on the effect

Comman Glue, Crystal Clear, Super transparent, Low Noise, High Peeling Strength, Low Viscosity(low peel strength)

High Solid Content, High Performance permanent label glue, Removal label Glue.

3. Customised machinery fully-automatic and semi-automatic machines can be tailored to meet your company's needs. With a range that includes the coating, converting, packaging, palleting,etc.

Custom Manufacturing and Processing



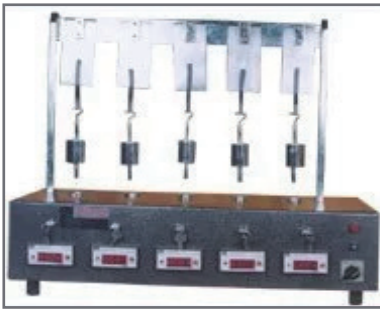
Coating

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.

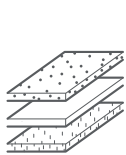


Package

Well packed of the products in the box with a safety 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



Best-Tapes & Choice

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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