

WHITE GOODS INDUSTRY

SHAPING THE FUTURE:
GTG'S SMART APPLIANCE INNOVATION



GTG MANUFACTURING SDN. BHD. (968289-M)

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Sedex





About Us

GTG Manufacturing is a leading global supplier of engineered adhesive tape solutions, with a particular specialization in developing high-performance adhesive products for the global manufacturing sector. Our commitment to excellence is reflected in our robust research and development process, which ensures that all our products meet and exceed international quality & performance standards, offering unmatched durability, high thermal efficiency, and environmental resistance.

White Goods Sector Readiness

We have built a dedicated manufacturing infrastructure designed to meet the rigorous supply chain demands of the consumer electronics and white goods industries. Our systems are optimized for mass-volume production while maintaining stringent quality control, providing our partners with highly competitive lead times, reliable product supply, and the flexibility to scale. With a deep commitment to quality assurance and reliable delivery, we support our global client base with unmatched consistency and speed.

With extensive R&D and QA protocols, GTG guarantees consistent product performance and supply chain security for multi-site appliance production.

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P.N.	Adhesive	Category	Thickness	Leak Test	105°C Peeling Strength	Static Shear	Tensile Strength
AWL-30	Emulsion	Pure	30 mc	215 #	2556m	≥24h	≥296cm
AWL-40	Emulsion	Pure	30 mc	215 #	2256m	≥24h	≥296cm
AWL-60	Emulsion	Pure	40 mc	215 #	2240m	≥24h	≥283cm
ASL-50	Solvent	Pure	25 mc	215 #	28x5m	≥24h	2203cm
ASL-40	Solvent	Pure	40 mc	215 #	28x5m	≥24h	2203cm
ASL-40	Solvent	Pure	20 mc	215 #	26x5m	≥24h	2203cm

*The Berinsea series is for minimum footling, which are creased bottomant. The maximum adhesion available is 15 mcoors. The maximum thickness of aluminum is 100microns. The 53 micron can be costerated.

*The maximum width available is 15 mm. Bleed old wide available preconditions: 48,85,77,77,12,155 mm, etc.

*The material with waterdich: 1000mm width, length: 2005m, 2000m mc.

*Lag fire" 18500 195000 e 90s an 50m

*Ocimase- Thickness: +4.2,000mc Wads: ~0.1,0cm. Lajjls an 8.6m

*Storage Sndice storage: ~47" ~ 67" (*humidity ~ 4,998, wet & dry dos of dried weight)

Description & Benefits

- With an easy release silicon paper liner, suitable for rounding
- Liner liner available: cilsan paper, white yellow twaft pross, glessing paper
- Coated with solvent based acrylic ssthesive
- Strong adhesion in for sealing joints/seams of foilscom firing
- Good aging resistance for troth indoor & outdoor sea
- Heat and light deflection

Applications

- Refrigerator, cootter, cooler evaporative coil/cover type asserment
- Heat and light deflection
- Vapor barrier on reinforced fiberglass duct board
- General purposes filter patching, setting, repair, masking, etc



PRODUCT PRESENTATION

PRODUCT PRESENTATION

Reinforced Aluminum Foil Tape

P.N.	Adhesive	Category	Thickness	Loop Tack	180°Peeling Strength	Static Shear	Tensile Strength	Elongation at Break
RH-215	Hot Malt	PE Setm	215 mic	≥15 #	611cm	≥24h	≥28vicn	≥30%
RS-215	Solvent	PE Solin	215 mic	≥15 #	611cm	≥24h	≥28vicn	≥30%

• Different fabric facing available, square grid & diagonal pattern
• Can be hotter waxy very hard heat or hard and
• Set not width available: 48/77/27 mm
• Logo: 1250/1400 mm x 58cm
• Dimension: 1000/1500 mm x 1805/7000/9000 m

Description & Benefits

- Coated with aggressive synthetic rubber/adhesive
- Also, solvent based acrylic adhesive is another choice
- Different facing/backing patterns, diagonal, square grid, etc.
- Extremely easy for hand-tear, easy used by workers
- Tear cleanly without loose thread hanging off the end

Applications

- Rigid & flexible metal duct seams/ connections vapor sealing
- Joining foil faced insulation panels and pipe sections
- Fiberglass facing joints vapor sealing & other HVAC industry
- Glass wool/Rock/Wool/mineral wool/foam thermal insulation



Flame Retardant Aluminum Foil Tape

P.N.	Adhesive	Category	Thickness	Loop Tack	180°Peeling Strength	Permanent Adhesion	Tensile Strength	Fire Rating
ASL-30F	Solvent	FR		≥15 #	7vilm	≥24h	≥70vcm	BS476
ASL-40F	Solvent	FR	40 mic	≥15 #	7vilm	≥24h	≥28vcm	BS476
AWL-30F	Water	FR	300 mic	≥15 #	6vilm	≥24h	≥25vcm	BS476
AWL-40F	Water	FR	40 mic	≥15 #	9vilm	≥24h	≥48vcm	BS476

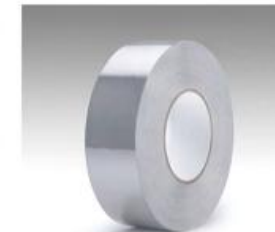
• Stored not width available for customized: 48,50,72,75,100 mm, etc.
• Logo roll: 1000/1400 mm x 58cm
• Dimension roll: 1800/1200 mm x 1000m, 2000m, 2800m, etc.

Description & Benefits

- With an easy release silicon paper liner, suitable for warehousing
- Coated with flame retardant formula solvent based acrylic adhesive
- Specially designed for high temperature, excellent fire resistance
- Specializing resistance for both indoor & outdoor use
- Aluminum backing has excellent conductivity and thermal dissipation
- Provide an effective barrier in moisture, air and corrosion
- Can be cleanly and easily removed from most surfaces, without any residue

Applications

- White goods, electronic goods internal parts heating
- Ducting work, pipe thermal insulation
- Vapor barrier on reinforced fiberglass duct board FSK facing
- General purpose like: patching, sealing, repair, masking, etc..



Self-Wound Aluminum Foil Tape

P.N.	Acrylic Adhesive	Alumi Foil Category	Thickness	Loop Tack	180°Peeling Strength	Static Shear	Tensile Strength	Polyurethane Foam Bonding Rate
AW-30	Emulsion	Pure	30 mic	≥15 #	5n/cm	≥24h	≥20scm	≥80%
AW-40	Emulsion	Pure	40 mic	≥15 #	5n/cm	≥24h	≥29scm	≥80%
AW-50	Emulsion	Pure	40 mic	≥15 #	5n/cm	≥24h	≥38scm	≥60%
AS-30	Solvent	Pure	30 mic	≥15 #	6n/cm	≥24h	≥30scm	≥60%
AS-40	Solvent	Pure	40 mic	≥15 #	6n/cm	≥24h	≥28scm	≥60%
AS-50	Solvent	Pure	50 mic	≥15 #	6n/cm	≥24h	≥30scm	≥60%

*The Thickness above is the aluminum backing, which are sheathed thickness. The minimum minimum available is 15 microns. The medium minimum of minimum is 150 microns. The 1st Minimum can be customized.

*Width: 15, 25, 38, 40, 40mm set. Length: 60, 100, 100, 200, 400 m, etc.

Description & Benefits

- Silicone coated an aluminum foil backing for easy release on unband
- Coated with aggressive acrylic adhesive
- The convective heat transfer coefficient can be up to 257 (W/m-K)
- Multi-surface grip features, can confirm the evaporator collicooling tube easily
- Aluminum backing has excellent conductivity and thermal dissipation

Applications

- Hold the cooling tubing tight to the inner shell of the refrigerator or freezer until the roll is loaded, maximized cooling efficiency.

- Vapor barrier on reinforced fiberglass duct board FSK taking
- General purpose like: patching, sealing, repair, masking, etc.



Laminated Aluminum Foil Tape

P.N.	Adhesive	Category	Thickness	Loop Tack	180°Peeling Strength	Static Shear	Tensile Strength	Polyurethane Foam Adhesive Rate
LW-15	Acrylic	BOPP	≥907mm	≥15 #	5n/cm	≥24h	≥25vcm	≥50%
LW-20	Acrylic	BOPP	≥907mm	≥15 #	6n/cm	≥24h	≥28vcm	≥60%
LR-25	Rubber	BOPP	≥907mm	≥15 #	7.5n/cm	≥24h	≥30vcm	≥60%
LR-35P	Rubber	PET	≥888mm	≥15 #	7.5n/cm	≥24h	≥40vcm	≥60%

* Good roll width available for customers: 48, 66, 72, 72, 96, 100 mm, etc.
Roll length: 50m, 100m, 200m, etc.

Description & Benefits

- Coated with non-conductive emulsion acrylic adhesive
- PET tap layer offers good insulation between two contact surfaces
- Good going resistance for both indoor & outdoor use
- PET/FOIL tape without liner ensures easy operating
- Silicon coating on film backing for easy operating
- Can be either easy hand tear or very hard tear
- Economical alternative to pure aluminum foil tape

Applications

- Refrigerator, freezer, cooler evaporative collicooling tube attachment
- INAC, ducting work
- General purpose like: patching, sealing, repair, masking, etc.



Cold Weather Aluminum Foil Tape

P.N.	Adhesive	Category	Thickness	Loop Tack	180°Peeling Strength	Static Shear	Tensile Strength	Elongation at Break
ASL-30C	Solvent	CW	30 mic	≥15 g	6n/cm	≥24h	≥28v/cm	≥3%
ASL-40C	Solvent	CW	30 mic	≥15 g	6n/cm	≥24h	≥28v/cm	≥3%

~Sliced roll width available (or customized): 48,50,72,75,96,100 mm, etc.

~Long roll: 1000/1200 mm x Min or 60m

~Jumbo roll: 1000/1500 mm x 1600m, 3000m, 3000m, etc.

Description & Benefits

- Coated with cold weather formula solvent based acrylic adhesive
- With an easy release silicon paper liner, suitable for rewinding
- Specially specified for extreme cold regions, excellent weather resistance
- Good aging resistance for both indoor & outdoor use
- Joints/seams sealing against moisture and vapor barrier

Applications

- Heating Ventilation Air Conditioning (HVAC)
- Ducting work
- Vapor barrier on reinforced fiberglass duct board
- For use with rigid fiber glass duct board
- For use with flexible air ducts and air connectors
- General purpose like: patching, sealing, repair, masking, etc.



Foil Scrim Kraft Tape

P.N.	Adhesive	Category	Thickness	Loop Tack	180°Peeling Strength	Static Shear	Tensile Strength	Fire Rating
FR-170	Hot Melt	FSK		≥15 g	5v/ah	≥24h	≥30v/cm	B5476

Sliced roll width available (or customized): 48,50,72,75,96,100 mm, etc.

Long roll: 1000/1200 mm x 40m or 50m

Jumbo roll: 1000/1200 mm x 1000m, 2000m, 3000m, etc.

Description & Benefits

- Coated with aggressive synthetic rubber resin adhesive
- Strong adhesion fit for sealing joints/seams of foilscrim facing
- Good at moisture or air penetration resistance
- Good aging resistance for both indoor & outdoor use
- Heat and light deflection
- Provide an effective barrier to moisture, vapor, air and corrosion

Applications

- HVAC industry & pipe wrap insulation
- Heat and light deflection
- Vapor barrier on reinforced fiberglass duct board
- Joining & sealing foil scrim kraft facing laminated fiberglass blanket
- Joining & sealing flexible air duct seams and rigid ducting.
- General purpose like: patching, sealing, repair, masking, etc.



Masking Tape

Code	Material	Thickness	Loop Tack	180° Peeling Strength	Static Shear	Tensile Strength	Elongation	Highest Temperature
MS-140	Crepe Paper	140x10 um	28 #	2.4n/cm	≥5h	≥15N/cm	≤20%	—
MS-150	Crepe Paper	150x5um	28 #	2.4n/cm	≥8h	≥20N/cm	≥20%	82°90min
MS-155	Crepe Paper	155x10um	28 #	2.5n/cm	≥15h	≥20N/cm	≤5-15%	120°60min
MS-166	Crepe Paper	155x10um	210 #	3.6n/cm	≥15h	≥35N/cm	≥20%	150°60min

Description & Benefits

- Also known as painter's tape, is a type of pressure-sensitive tape made of a thin and easy-to-tear paper, and an easily released pressure-sensitive adhesive.
- It is available in a variety of widths. It is used mainly in painting, to mask off areas that should not be painted.
- The adhesive is the key element in its usefulness, as it allows the tape to be easily removed without leaving residue or damaging the surface in which it is applied.

Applications

- Applied in high-temperature painting, baking varnish, carming covering and electronic ministry, etc.
- Used for coverage of paint and coating in indoor decoration, light dressing, etc.



Polypropylene (BOPP) Tape

Code	Thickness	Initial Tack	180° Peeling Strength	Permanent Adhesion	Stranch Force	Fracture Strenching
BP-S0	0.045-0.053mm	≥2.0N/cm	≥2.0N/cm	≥15h	≥30N/cm	≤150%

Composition and characteristics

With polypropylene (BOPP) as the base material, the products are coated with water based pressure sensitive adhesive.

Main usage

Suitable for sealing, packaging, winding, etc



Polyester (PET) Tape

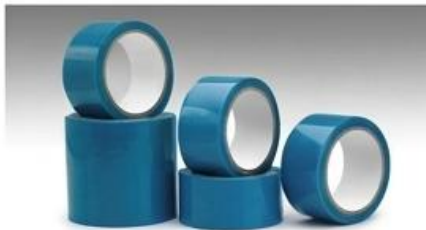
Code	Adhesive	Thickness	Initial Stickiness	150°Peeling Strength	Permanent Adhesion	Tensile Strength	Temperature Resistance	Color
Code-30	Rubber	0.03mm	28 s	24Smin	224h	238Kiem	120°0h	Transparent
Code-36	Rubber	0.63mm	28 s	24Smin	224h	235Kiem	120°0h	Blue

Description & Benefits

- 30 micron or 38 micron polyester film backing with high tensile strength
- PET has very good tear-resistance, temperature resistance
- Good aging resistance for both indoor & outdoor use
- Clean removing, without any adhesive residue
- Aggressive attractive to hold & fix panels, splicing

Applications

- Applied for bring refrigerators and freezers.
- Used for covering high temperature paint, baking varnish and coating to make the not painted areas with protected, in order to prevent from unnecessary influence and damage
- Also used for high temperature protection/insulation of electronic components, etc.



Polyethylene (PE) Tape

Code	Acrylic Adhesive	Thickness	Initial Stickiness	150°Peeling Strength	Permanent Adhesion	Stretch Force	Tensile Strength	Polyurethane Foam Adhesive Rate	Color
Code-45	Rubber	0.045mm	220min	23 SW/cm	224h	≥300%	26N/cm	>90%	White
Code-60	Rubber	0.06mm	220min	33.5N/cm	224h	≥200%	26N/cm	>90%	White

Description & Benefits

- 2.4 mil (50 micron) polyethylene film with high tensile strength
- With silicone coating on PE non-adhesive side for easy release
- Flexible PE material enables to stretch and conform in irregular surfaces
- Coated with high performance rubber adhesive
- Rubber adhesive has good bonding, removes without residue
- Cost saving alternative for aluminum foil tape in refrigerator application
- Good aging resistance for both indoor & outdoor use
- PE case without inner liners easy operating

Applications

- Refrigerator, freezer, colder evaporative coil/copper tube attachment
- General purpose like: protecting, seating, masking, insulation etc.



Kraft Tape

Technology data

Code	Glue	Thickness	Holding power	Adhesive to steel (N/25mm)
KH-120	Hot melt	120mic	≥1h	≥14
KH-140		140mic	≥1.5h	≥20
KS-140	Solvent	140mic	≥24h	≥12
KW-145	water	145mic	24h	≥10

Application

Mainly used for the cartons sealing, especially for the carton package paper.

Feature

- BLKPT-10 series is a tape that has a type of instant sticky type;
- Suitable for special bonding surfaces and objects with different shapes;
- Kinds of material and adhesive types available;
- Easy degradation without pollution.



Cloth (Duct) Tape

Technology data

Code	Adhesive	Total thickness	Peeling	Tacking	Holding power	Tensile strength
DT-130	Hot melt	130mic	≥3.8N/cm	≥3#	≥24h	≥20N/cm
DT-170	Hot melt	170mic	≥4.1N/cm	≥5#	≥24h	≥24N/cm
DT-210	Hot melt	210mic	≥5.4N/cm	≥8#	≥24h	≥28N/cm
DT-210R	Rubber	210mic	≥5.4N/cm	≥3#	≥24h	≥26N/cm
EGDT-230	Rubber	230mic	≥4.3N/cm	≥5#	≥24h	≥30N/cm
EGDT-280	Rubber	280mic	≥5.4N/cm	≥10#	≥24h	≥40N/cm

Production Description

BLDTP-11 series is a tap that take textile fiber cloth for the backing and coated with pressure sensitive adhesive.

Application

Widely used for heavy packaging and pipe wrapping, carpet joints and affixing.

Feature

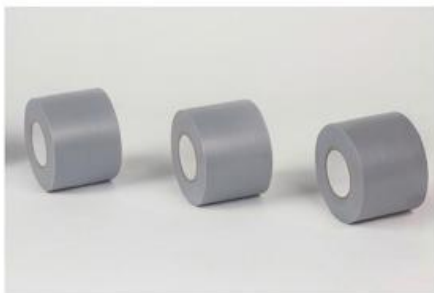
- Strong adhesion, high tensile strength, protecting the surface from rust, humidity, water as well easy tear.
- Color: Silver Black Brown Green Red Yellow Blue White



PVC Pipe Wrapping Tape

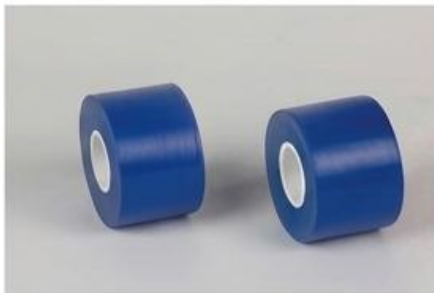
Technology data

Code	Thickness (mic)	Basic Weight (gr r ⁻¹)	Tensile strength (g/25mm)	Elongation	Color
PVC-100	100	110	4.5	≥200%	White
PVC-120	120	160	5.0	≥150%	White(thicker)
PVC-175	170	180	6.0	≥120%	Green
PVC-190	180	185	7.0	≥150%	Green



Application

- Mainly used for insulating of electric wires and cables.
- It can be used for protecting the floor, packing the joints, tape wrapping the air condition connecting tube and others in the construction site.



Feature

The PVC series is used for air conditioner tape protection, electric insulation protection, to maintain air conditioner connecting tape, and has good tensile strength and fireproof properties. Customization is available.

Double-sided Tape

Technology data

Code	Total thickness	Temperature Resistance	180°stripping resistance (N/50mm)	Holding power	Initial adhesive
DS-80	804um	-5-80 °C	9	12 H	109
DS-80	905um	-5-80 °C	9	12 H	118
DS-100	100sSum	-5-80 °C	12	12 H	148

Application

- Suitable for cutting and stamping;
- For application in banding and fixation of badge plates, film switches, refrigerator evaporator labels and insignia;
- Widely used in the assembly of electronic devices such as household appliances and cellphones, etc.

Feature

- Good initial adhesion/ holding power, excellent softness.
- Corrosion resistance and good anti-aging performance
- Wide application and comply with the international environmental standard.
- Surface release material: withe double-cube release paper.
- Backing material/color:light white or black cotton paper.
- Adhesive: white solvent pressure-sensitive adhesive on double sides.



TPP tape-High temperature resistant

Specification

S.N.	Product Characteristics	Performance Data
1	Loop Tack	≥ 30min
2	Holding Power Displacement	≥ 3mm/h
3	180° Peeling Adhesion	≥ 5.0 N/cm
4	Tensile Strength	≥ 200 N/cm
5	Temperature Resistance (70 C 168H)	No adhesive residue
6	Pollution	No pollution, collision, color change
7	Adhesive Stability	No adhesive dislodge or overflow



Description & Benefits

EGTPP-20 series use TPP film as backing material, with silicon coating on one side, and with a residue free natural rubber adhesive on the other. The adhesive has high tack, high adhesion and excellent chemical resistance. The clean removal adhesive residues is reduction in clean-up-operation with other adhesive systems the leave film filament tapes that almost always ways fragments behind after removal. The durable backing has excellent impact and abrasion resistance.

Benefits

- Enhanced fixation tape
- Instant bonding & easy release
- Excellent temperature resistant up to 120°C residue residue when peeling
- Ideal deaming & splicing, pipe, chiller or capor cover
- Backing material thickness 0.028mm-0.036mm.
- Adhesive thickness 0.015mm-0.036mm.
- Color: white, blue, blue-white, yellow-white



Applications

- Used for white goods internal plastic parts fixation & seaming
- Temporary fixators for parts of wash machine, oven, computer, printers, etc.
- Other electronics parts attachment



VHB Tape

Specification

S.N.	Thickness	Temperature Resistance	90° Peel Adhesion	Tensile Strength	Dynamic Shear Force
VHB-2108G	0.8 mm	-30-80 °C	≥ 28 N/cm	≥ 3.5 N/cm	≤ 20 N/400mm²
VHB-2110G	1.0 mm	-30-80 °C	≥ 30 N/cm	≥ 4.5 N/cm	≤ 70 N/400mm²
VHB-2112	1.2 mm	-30-80 °C	≥ 30 N/cm	≥ 4.5 N/cm	≤ 70 N/400mm²

Dimension: 600mm (usable width) >33m/roll, can be customized.

Description

EGVHB-21 series tape use acrylic plastic as backing material, processed with UV solidification, combined with release liner, hoses, etc.

Benefits

- Excellent temperature resistance, solvent resistance, ageing resistance
- Unique shock absorption function
- Good elongation and softness, conform very well to uneven surfaces

Applications

- Bonding of refrigerator parts, door, plastic parts, handle, air-con panels
- Bonding of automobile plate, chafing strip, trim strip
- Elevator, wall decoration applications



PU Foam Tape

Specification

S.N.	Thickness	Temperature Resistance	Tensile Strength	Density	Elongation
2210	10 mm	-30-80 °C	≥ 1.0 KJ/m	≥ 25 kg/m ²	≥ 130%
2215	15 mm	-30-80 °C	≥ 1.3 KJ/m	≥ 25 kg/m ²	≥ 130%

Cut roll width: 20mm, 30mm, 50mm

Cut roll length: 0.5m, 1m, 2m

Jumbo length: 50m, 100m

Description

EGFUF-22 is a firm, high-density, open-cell foam tape with a pressure sensitive acrylic adhesive on one side or double sides.

Benefits

- Offers high initial quick-stick to multiple substrates
- Dampens sounds and absorbs vibration
- Helps trap moisture, dust and contaminants
- Excellent cushioning characteristics and high abrasency
- Provides excellent shear strength and high temperature performance

Applications

- Refrigeration equipment piping, container insulation
- RV, automobile ceiling thermal insulation
- Air conditioning system ducting insulation



PE Foam Tape

Specification

S.N.	Thickness	Temperature Resistance	Peel Adhesion	Tensile Strength	Elongation
2308	1.8 mm	-30-100 °C	≥ 8 N/10mm	≥ 2.2 kg/25mm	≥ 130%
2328	1.2 mm	-30-100 °C	≥ 8 N/10mm	≥ 2.2 kg/25mm	≥ 130%

Jumbo Size: 1020mm×1000m

Description

EGPEF-23 Double Coated Polyethylene Foam Tape is a blue or red, closed-cell, polyethylene foam carrier

Benefits

- Dampens sounds and absorbs vibration
- Offers high initial quick-stick to irregular surfaces
- Helps trap moisture, dust and contaminants
- Long-term temperature resistance

Applications

- Automotive mirror bonding
- Decorative trim, nameplate mounting
- Indoor general-purpose mounting and joining

