



Tapes
For
HVAC
Industry

K...
Life & Living

Aluminium Foil Tape



Aluminium foil tape is coated with a strong **HOT-MELT** adhesive and laminated with release liner.

Features:

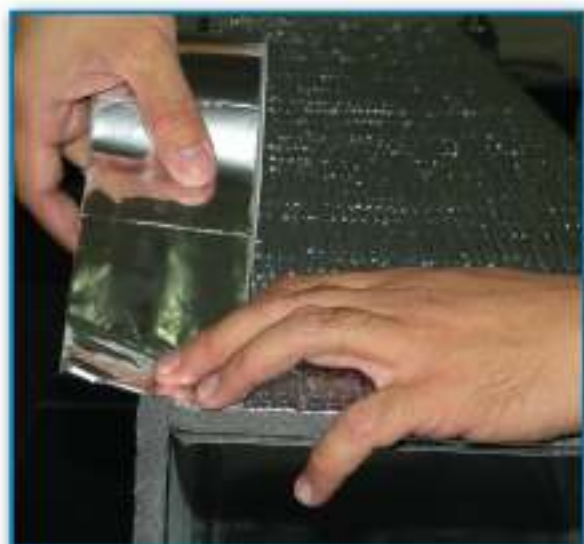
- Low moisture content of these products makes these tapes as a good sealant.
- Aluminium foil backing gives excellent reflection of both heat and light
- The Aggressive Hot melt adhesives offer for long serviceable life in outdoor as well as high humid atmosphere
- Suitable as a masking in electroplating of Aluminium due to its non contamination properties
- Best Result Obtained when its applied to clean and dry surface

Applications:

- Used for duct insulation in air conditioning and refrigeration industry. Also used in electronic industry and reflection situation.

Product Specification

Properties	Specification	ASTM Test Method
Backing Thickness	20+/-2 micron	D-3652
Total Thickness	45 +/-5 micron	D-3652
Adhesion To Steel	1800 gms / Inch	D-3330
Tensile Strength	2000 gms / Inch	D-3759
Elongation at Break	5%	D3759
Shear Strength	> 96 Hours.	D-3654
Tack Rolling Ball	130 mm	D-3121
Temperature Range	-5°C to 65° C	



Storage:

Storage under normal room temperature and 60% RH in the original packing

Shelf Life:

Use within 12 months.

Packing

Backing	Adhesive	Color	Liner	Standard Sizes		
				W(mm)	L(Yds)	Rolls/Box
Soft Temper Aluminium Foil 8011	HOT MELT	Shiny Silver	White release Paper	48	25/30	24
				72	25/30	16
				96	25/30	12

Custom sizes can be produced as per customer specifications.

Note: The values and the figures provided above are results of tests and subject to variations. Users are to determine the suitability of our products.

Aluminium Foil Tape (Solvent Base)



Diamond Aluminium Foil Tape is coated with a strong **solvent base acrylic** adhesive and laminated with release liner .

Features:

- Aluminium backing provides excellent reflection of low moisture content of these products makes these tapes as a good sealant.
- Aluminium foil backing gives excellent reflection of both heat and light
- The aggressive solvent base adhesive offer long serviceable life in outdoor as well as high humid atmosphere.
- Suitable for masking in electroplating of Aluminium due to its non contamination properties
- Best Result Obtained when its applied to clean and dry surfaces

Applications:

- Lamination for air conditioning ducting systems
- Roofing application like flashing, joints and insulations
- Duct sealing and joining for refrigerator and excellent barrier to vapor
- General purpose holding, patching, sealing applications indoor and outdoor

Product Specification

Properties	Specification	ASTM Test Method
Backing Thickness	40 +/-5 micron	D3652
Total Thickness	75 +/-5 micron	D3652
Adhesion To Steel	1750 gms / inch	D3330
Tensile Strength	4500 gms / inch	D3759
Elongation at Break	30%	D3759
Shear Strength	> 120 Hours	D-3654
Tack Rolling Ball	160 mm	D3121
Temperature Range	-40°C to 140° C	

Packing

Backing	Adhesive	Color	Liner	Standard Sizes		
				W(mm)	L(Yds)	Rolls/Box
Reinforce Aluminium Foil	Solvent Acrylic	Dull Silver	White release Paper	48	30/40	24
				72	30/40	16
				96	30/40	12

Custom sizes can be produced as per customer specifications.

Note: The values and the figures provided above are results of tests and subject to variations. Users are to determine the suitability of our products.

APPLICATION IMAGE
REQUIRED

Storage:

Storage under normal room temperature and 50% RH in the original packing

Shelf Life:

Use within 12 months.

FR Grade Class O Aluminium Foil Tape



A 30 micron high tensile strength **Aluminum foil backing**, combined with a high performance **flame-retardant solvent acrylic adhesive**, protected by an easy-release silicon release paper.

Features:

- Aluminium backing provides excellent reflection of both heat and light.
- High quality adhesive with super strong adhesive and holding power offers reliable and durable foil- scrim- Kraft facing joints and seams sealing in HVAC duct work application.
- Low moisture vapor transmission rate makes an excellent vapor barrier.
- Service temperature range from - 30°C to 120°C.

Applications:

- HVAC Industry for joining and sealing foil -Scrim Kraft Facing Laminated Fiber Glass blanket
- Duct board joints and seams joining and sealing flexible air duct seams and connections
- Duct sealing and joining for refrigerator and excellent barrier to vapor
- General purpose holding, patching, sealing applications-in door and outdoor

Product Specification

Properties	Specification	ASTM Test Method
Backing Thickness	30 micron	D3652
Total Thickness	60 +/-5 micron	D3652
Adhesion To Steel	1600 gms / 25mm	D3330
Tensile Strength	4500 gms / 25mm	D3759
Elongation at Break	5%	D3579
Tack Roll Ball	120 cm	D3121
Temperature Range	-30°C to 120° C	
Fire Rating	Class O	BS476 Part 6 & 7

Packing

Backing	Adhesive	Color	Liner	Standard Sizes		
				W(mm)	L(Yds)	Rolls/Box
FR Grade Class O Aluminium Foil	Flame Retardant Solvent Acrylic Adhesive	Shiny Silver	White release Paper	48	30	24
				72	30	16
				96	30	12

Custom sizes can be produced as per customer specifications.

Note: The values and the figures provided above are results of tests and subject to variations. Users are to determine the suitability of our products.

APPLICATION IMAGE
REQUIRED

Storage:

Storage under normal room temperature and 50% RH in the original packing

Shelf Life:

Use within 12 months.

Diamond / Aerofoam Alupet Tape



Diamond/Aerofoam brand special **Aluminum foil tape** is a foil tape **reinforced with PET film backing** combined with strong Solvent Acrylic adhesives and easy release liner.

Features:

- Low moisture content of these products makes these tapes as a good sealant.
- Special Aluminum foil backing gives excellent reflection of both heat and light
- The Solvent Acrylic Adhesives offer for long serviceable life in outdoor as well as high humid atmosphere.
- Suitable for masking in electroplating of Aluminium due to its non contamination properties
- Best Result Obtained when its applied to clean and dry surfaces

Applications:

- Aerofoam XPE Insulation closing purpose.
- Lamination for air conditioning ducting systems
- Roofing Application like flashing joints and insulations
- Duct sealing and joining for refrigerator and excellent barrier to vapor
- General purpose holding, patching, sealing applications-in door and outdoor

Product Specification

Properties	Specification	ASTM Test Method
Backing Thickness	28 +/-5 micron	D3652
Total Thickness	65 +/-5 micron	D3652
Adhesion To Steel	1700 gms / inch	D3330
Tensile Strength	3800 gms / inch	D3759
Elongation at Break	60%	D3759
Shear Strength	> 96 Hours	PTTC-121
Temperature Range	-5°C to 65°C	D-3654

Packing

Backing	Adhesive	Color	Liner	Standard Sizes		
				W(mm)	L(Yds)	Rolls/Box
Foil with PET film reinforce	Solvent Acrylic	Dull Silver	White release Paper	48	30	24
				72	30	16
				96	30	12

Custom sizes can be produced as per customer specifications.

Note: The values and the figures provided above are results of tests and subject to variations. Users are to determine the suitability of our products.

APPLICATION IMAGE
REQUIRED

Storage:

Storage under normal room temperature and 50% RH in the original packing

Shelf Life:

Use within 12 months.

Diamond FSK (Foil+scrim+kraft Paper) Tape



Diamond FSK (Foil + Scrim + Kraft Paper) is coated with a strong **Hot melt adhesive** and Laminated with release liner.

Features:

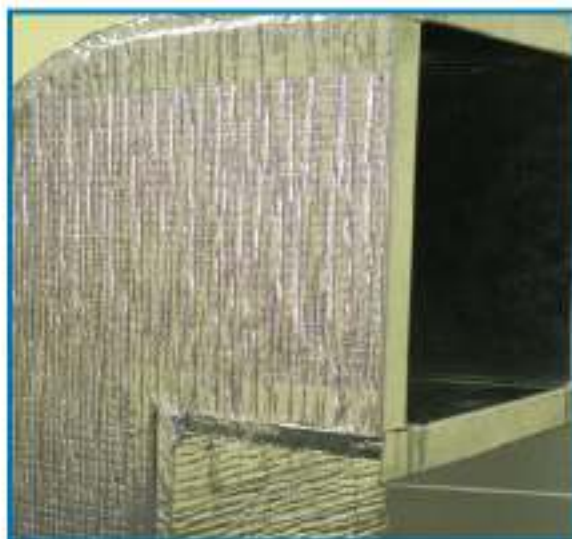
- Low moisture content of these products makes these tapes as a good sealant.
- The Aggressive HOT MELT Solvent base Adhesives offer for long serviceable life in outdoor as well as high humid atmosphere.
- Its aluminum reinforced substrate gives it exceptional tensile strength. So engineers prefer it for high quality seaming and sealing of fiber glass duct insulation and pipe insulation.
- Best Result Obtained when its applied to clean and dry surfaces

Applications:

- Lamination for air conditioning ducting systems
- To Join Foil faced & rock wool
- Sealing of double glazing units
- Roofing Application like flashing joints and insulations
- Duct sealing and joining for refrigerator and excellent barrier to vapor General purpose holding ,patching sealing applications-indoor and outdoor

Product Specification

Properties	Specification	ASTM Test Method
Backing Thickness	95+/-5 micron	D - 3652
Total Thickness	125 +/-5 micron	D - 3652
Adhesion To Steel	1800 gms / inch	D - 3330
Tensile Strength	12000gms / inch	D - 3759
Elongation at Break	5%	D - 3579
Roll Tack	150mm	D - 3121
Shear Strength	> 96 Hours	D - 3654
Temperature Range	-5°C to 55° C	



Storage:

Storage under normal room temperature and 50% RH in the original packing

Shelf Life:

Use within 12 months.

Packing

Backing	Adhesive	Color	Liner	Standard Sizes		
				W(mm)	L(Yds)	Rolls/Box
Foil + Scrim + Kraft	Hot Melt Adhesive	Shiny Silver	White release Paper	48	30	24
				72	30	16
				96	30	12

Custom sizes can be produced as per customer specifications.

Note: The values and the figures provided above are results of tests and subject to variations. Users are to determine the suitability of our products.

FSK Tape (Solvent Based)



Diamond FSK (Foil + Scrim + Kraft Paper) is coated with a **Strong Solvent Base Acrylic** adhesive and laminated with release liner

Features:

- Low moisture content of these products makes these tapes as a good sealant.
- The Solvent Acrylic Adhesives offer for long serviceable life in outdoor as well as high humid atmosphere.
- Its aluminum reinforced substrate gives it exceptional tensile strength. So engineers prefer it for high quality seaming and sealing of fiber glass duct insulation and pipe insulation.
- Best Result Obtained when its applied to clean and dry surfaces

Applications:

- To join foil faced and rock wool
- Lamination for air conditioning ducting systems
- Roofing Application like flashing joints and insulations
- Duct sealing and joining for refrigerator and excellent barrier to vapor
- General purpose holding, patching, sealing applications-in door and outdoor

Product Specification

Properties	Specification	ASTM Test Method
Backing Thickness	95 +/-5 micron	D - 3652
Total Thickness	135 +/-5 micron	D - 3652
Adhesion To Steel	1700 to 1800 gms / inch	D - 3330
Tensile Strength	12000 gms/ inch	D - 3759
Elongation at Break	5%	D - 3579
Roll Tack	130mm	D - 3121
Shear Strength	> 120 Hours	D - 3654
Temperature Range	-30°C to 120° C	

Packing

Backing	Adhesive	Color	Liner	Standard Sizes		
				W(mm)	L(Yds)	Rolls/Box
Foil + Scrim + Kraft	Solvent Acrylic	Shirry Silver	White release Paper	50	40	24
				75	40	16
				100	40	12

Custom sizes can be produced as per customer specifications.

Note: The values and the figures provided above are results of tests and subject to variations. Users are to determine the suitability of our products.

**APPLICATION
IMAGE REQUIRED**

Storage:

Storage under normal room temperature and 50% RH in the original packing

Shelf Life:

Use within 12 months.

Diamond Aluglass Tape



Diamond Aluglass tape is an **Aluminum-Glass Cloth** backing (7u / FR Glue / 12 X 12 Mesh Glass Cloth), combined with a high performance **Hot melt adhesive**, protected by an easy-release silicone release paper

Features:

- Aluminum –Glass cloth backing provides excellent reflection of both heat and light
- Low moisture content of these products makes these tapes as a good sealant.
- The Aggressive hot melt Adhesives offer for long serviceable life in outdoor as well as high humid atmosphere.
- It is a excellent vapor Barrier due to low moisture vapor transmission rate
- Best Result Obtained when its applied to clean and dry surfaces
- High quality adhesive with super strong adhesion and holding power offers reliable and durable Aluminum-Glass Cloth Facing joints and seams sealing in industrial pipe thermal insulation application

Applications:

- Duct board joint and seams; joining and sealing industrial pipe insulation
- Lamination for air conditioning ducting systems
- To Join Foil faced & rock wool
- Roofing Application like flashing joints and insulations
- Duct sealing and joining for refrigerator and excellent barrier to vapor
- General purpose holding ,patching sealing applications- indoor and outdoor

Product Specification

Properties	Specification	ASTM Test Method
Backing Thickness	100 +/-5 micron	D - 3652
Total Thickness	135 +/- 5 micron	D - 3652
Adhesion To Steel	1800 gms / inch	D - 3330
Tensile Strength	>25000gms/ inch	D - 3759
Elongation at Break	12%	D - 3579
Shear Test	>96 hr	D - 3654
Tack Roll Ball	120mm	D - 3121
Temperature Range	-5 – +65 °C	

Packing

Backing	Adhesive	Color	Liner	Standard Sizes		
				W(mm)	L(Yds)	Rolls/Box
Foil + Glass Cloth + FR Grade	Hot Melt Adhesive	Shiny Silver	White release Paper	48	30	24
				72	30	16
				96	30	12

Custom sizes can be produced as per customer specifications.

Note: The values and the figures provided above are results of tests and subject to variations. Users are to determine the suitability of our products.

Application
Image Required

Storage:

Storage under normal room temperature and 50% RH in the original packing

Shelf Life:

Use within 12 months.

Diamond Aluglass FR Grade Tape



Aluminum-Glass Cloth backing (7u / FR Glue / 12 X 12 Mesh Glass Cloth), combined with a high performance flame retardant solvent acrylic adhesive, protected by an easy-release silicone release paper

Features:

- Aluminum –Glass cloth backing provides excellent reflection of both heat and light
- Low moisture content of these products makes these tapes as a good sealant
- The Aggressive Solvent base Adhesives offer for long serviceable life in outdoor as well as high humid atmosphere
- It is a excellent vapor Barrier due to low moisture vapor transmission rate
- Best Result Obtained when its applied to clean and dry surfaces
- High quality adhesive with super strong adhesion and holding power offers reliable and durable Aluminum-Glass Cloth Facing joints and seams sealing in industrial pipe thermal insulation application
- Service Temperature range from -30--+120°C (-22--+248°F)

Applications:

- Duct board joint and seams; joining and sealing industrial pipe insulation
- Lamination for air conditioning ducting systems
- To Join Foil faced & rock wool
- Roofing Application like flashing joints and insulations
- Duct sealing and joining for refrigerator and excellent barrier to vapor
- General purpose holding ,patching sealing applications indoor and outdoor

Product Specification

Properties	Specification	ASTM Test Method
Backing Thickness	100 +/-5 micron	D - 3652
Total Thickness	135 +/- 5 micron	D - 3652
Adhesion To Steel	1800 gms / inch	D - 3330
Tensile Strength	>25000 gms/ inch	D - 3759
Elongation at Break	25%	D - 3579
Shear Test	>96 hr	D - 3654
Tack Roll Ball	120mm	D - 3121
Temperature Range	-30--+120 °C	
Fire Rating	Class O	BS476-Part 6 &7

Packing

Backing	Adhesive	Color	Liner	Standard Sizes		
				W(mm)	L(Yds)	Rolls/Box
Aluminium + Glass cloth FR Grade	Flame Retardant Solvent Acrylic	Shirry Silver	White release Paper	48	30	24
				72	30	16
				96	30	12

Custom sizes can be produced as per customer specifications.

Note: The values and the figures provided above are results of tests and subject to variations. Users are to determine the suitability of our products.

APPLICATION IMAGE REQUIRED

Storage:

Storage under normal room temperature and 50% RH in the original packing

Shelf Life:

Use within 12 months.

Single Sided XPE Foam Tape



Foam tape has a **HOT-MELT** strong adhesive, and carried on siliconized release paper. The tape has excellent flexibility and suitable for insulation & duct gasket purposes.

Features:

- Low moisture content of these products makes these tapes as a good sealant.
- Best results Obtained when it's applied to clean and dry surfaces.
- This tape is mainly used for insulation purpose.
- This tape is excellent in prevention of condensation.
- Hot melt adhesive coated on this tape adheres strongly to most of metals.

Applications:

- XPE Foam tape is ideal for hot or cold piping and fittings. Due to high flexibility and conformability this tape is used for insulation purposes.

Product Specification

Properties	Specification	ASTM Test Method
Backing Thickness	3, 4.5, 6 +/-0.5 mm	D - 3652
Adhesion To Steel	800 gms / Inch	D - 3330
Tensile Strength	2800 gms / inch	D - 3759
Elongation at Break	80 %	D - 3579
Shear Test	> 96 hrs	D - 3654
Thermal Conductivity	0.034 W/m.k	D - 3575 V
Foam density	30 +/-5 kg/m ³	D - 3575 W
Shore Hardness (00)	50 +/- 10 mpa	D - 2240
Temperature Limits	-5°C to + 55°C	



Storage:

Storage under normal room temperature and 50% RH in the original packing

Shelf Life:

Use within 12 months.

Packing

Backing	Adhesive	Color	Liner	Standard Sizes		
				W(mm)	L(Mts)	Thick
XLPE Foam	HOT MELT	Grey / Black	White Release Paper	24/48	7.5	3
				24/48	15	4.5
				24/48	15	6

Custom sizes can be produced as per customer specifications.

Note: The values and the figures provided above are results of tests and subject to variations. Users are to determine the suitability of our products.

Single Sided NBR Foam Tape



Diamond Single side NBR Foam gasket tape has a moderately strong hotmelt adhesive, and carried on brown siliconized release paper. The tape has excellent flexibility and suitable for thermal insulation & duct Gasket purpose

Features:

- Best result obtained when it's applied to clean and dry surfaces
- Low moisture content of these products makes these tapes as a good sealant

Applications:

- Ideal for hot or cold piping and fittings. Due to high flexibility and conformability this tape is used in insulation purpose
- For quality Insulation for refrigeration, air conditioning and other applications.
- Sealing electrical enclosures, switch cabinets, exterior and interior lighting, industrial access doors and hatches
- Cushioning air, water and dust seals, gap-filling surface protection gasket production anti-vibration

Product Specification

Properties	Specification	ASTM Test Method
Backing Thickness	3 +/- 1 mm	D - 3652
Adhesion To Steel	900-1000 gms/inch	D - 3330
Tensile Strength	1700-2500 gms/inch	D - 3759
Elongation at Break	155%	D - 3579
Density	60-70 kg/m ³	D - 1667
Temperature Limits	-5°C to + 55° C	

Packing

Backing	Adhesive	Color	Liner	Standard Sizes		
				W(mm)	L(M)	Rolls/Box
NBR Closed Foam	Hot Melt	Black	Brown release Paper	24	7.5	80
				48	7.5/10	40/01

Custom sizes can be produced as per customer specifications.

Note: The values and the figures provided above are results of tests and subject to variations. Users are to determine the suitability of our products.

**APPLICATION
IMAGE REQUIRED**

Storage:

Storage under normal room temperature and 50% RH in the original packing

Shelf Life:

Use within 12 months.



Tapes
For
**Aluminium
& Glass
Industry**



PE protection tape has strong film backing and moderately aggressive adhesive, which does not leave residue on most of the surfaces. This tape can be used for interior as well as exterior applications.

Features:

- The product available in, black, black & white Printed LDPE film with an acrylic adhesive systems
- UV protected Polyethylene film is coated with acrylic adhesive to give excellent protection both indoor, outdoor and during transit.
- Specially designed acrylic adhesive adheres well to almost all surfaces but does not leave any residue when removed after protection film has been used.
- Strong polyethylene film is used for backing has excellent conformability and very good dead stretch to adhere on difficult contours and edges.
- It can be used for prevention of scratches or damages during transit or handling for variety of substrates such as aluminium, steel, glass, PVC, extrusions Kynar etc.

Applications:

- Application on Polycarbonate sheets
- Protection on Aluminium Panel and composite panels
- Carpet protection.
- Protection on Kynar & Powder coated surfaces
- Don't expose to direct sunlight.

Product Specification

Properties	Specification	ASTM Test Method
Backing Film	55/70 +/-5 micron	D - 3652
Total Thickness	65/80 +/-5 micron	D - 3652
Adhesion To Steel	160-200 gms / inch (Low Tack) 200-300 gms / inch (Medium Tack) 300-400 gms / inch (High Tack)	D - 3330
Tensile Strength	2500 gms /inch	D - 3759
Elongation at Break	600 %	D - 3579
Temperature Range	-5°C to 65° C	
Anchorage	No Adhesive Transfer	HTM-013 (Internal Test)



Packing

Backing	Adhesive	Color	Standard Sizes		
			W(mm)	L(Mts)	Thick
XLPE Foam	HOT-MELT	Grey / Black	24/48	7.5	3
			24/48	15	4.5
			24/48	15	6

Custom sizes can be produced as per customer specifications.

Note: The values and the figures provided above are results of tests and subject to variations.

Users are to determine the suitability of our products.

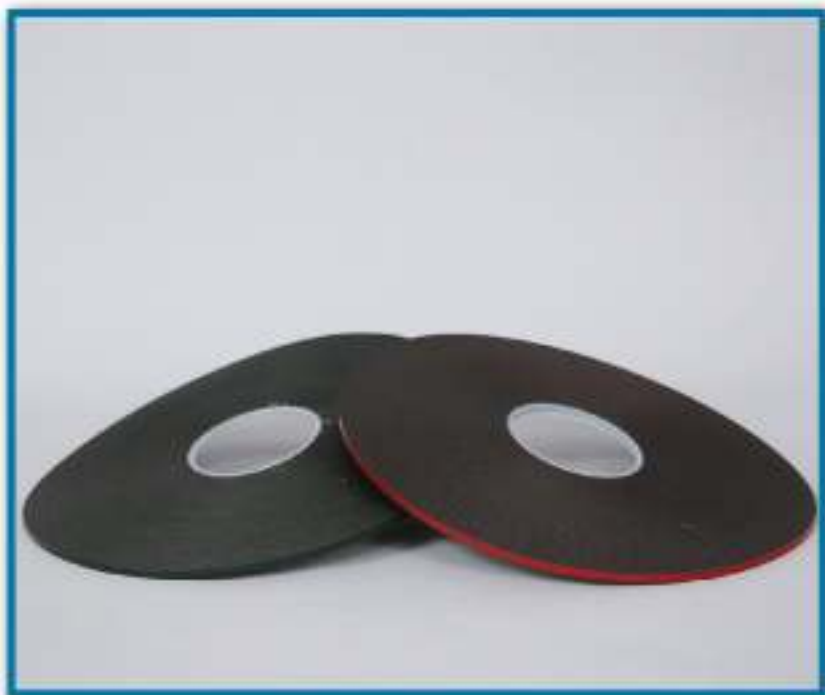
Storage:

Storage under normal room temperature and 50% RH in the original packing

Shelf Life:

12 months from date of manufacturing / 6 months after application.

Double Glazing Tape (Spacer Tapes)



Double glazing tape is closed cell polyethylene foam tape with unique differential adhesive system specially designed for window and door glazing applications. The glazing tape is coated with **modified acrylic adhesive** for adhesion to glass.

Features:

- Differential adhesive system provides improved structural performance and weather resistance
- Excellent weather seal and durability & immediate bonding.
- Closed cell Polyethylene foam tape with unique differential modified acrylic adhesive system.
- This tape is specifically design for window and door glazing applications.
- It has optimum compatibility and very good adhesion with PVC, aluminum and other low surface energy material.
- Differential adhesive system provides improved structural performance and weather resistance

Applications:

- Differential adhesive system provides improved structural performance and weather resistance
- Excellent weather seal and durability & immediate bonding.
- Double sided glazing tape closed cell Polyethylene foam tape with unique differential modified acrylic adhesive system.
- This tape is specifically design for window and door glazing applications.
- It has optimum compatibility and very good adhesion with PVC, aluminum and other low surface energy material.
- Differential adhesive system provides improved structural performance and weather resistance



Product Specification

Properties	Specification	ASTM Test Method
Total Thickness	0.8 +/- 0.1 mm	D - 3652
Adhesion to Steel Side-1	1300gms/inch	D - 3330
Adhesion to Steel Side-2	1600gms / inch	D - 3759
Tensile Strength	2200gms/ inch	D - 3759
Elongation at Break	250 %	D - 3579
Roll ball tack	60 mm	D - 3121
Temperature Range	-5°C to 55° C	

Storage:

Storage under normal room temperature and 50% RH in the original packing

Shelf Life:

Use within 12 months.

Packing

Backing	Adhesive	Color	Liner	Standard Sizes		
				W(mm)	L(Mtr)	Rolls/Box
PE	Solvent Based Acrylic	Black	Green / Red Liner	4	60/50	80/100

Custom sizes can be produced as per customer specifications.

Note: The values and the figures provided above are results of tests and subject to variations. Users are to determine the suitability of our products.

Double Sided Foam Tape (1mm Green Liner)



Diamond Double sided PE foam tape is closed cell polyethylene foam tape with unique differential adhesive system specially designed for window and door glazing applications. The glazing tape is coated with **modified solvent based acrylic adhesive** with green release liner

Features:

- Optimum compatibility and performance with PVC, aluminum and other low surface energy materials
- Differential adhesive system provides improved structural performance and weather resistance
- Excellent weather seal and durability. Bonding mirror to walls or furniture & immediate bonding
- Double sided Closed cell Polyethylene foam tape is a general purpose bonding tape and a strong acrylic adhesive
- This tape combined conformability with high immediate adhesive to most plastic including ABS, poly carbonate acrylic, PC & PP as well. Also has good adhesion metal & painted surface.
- This tape can be used varies application, mounting & interiors signs and name plates, attached wire clips to varies surface

Applications:

- This tape has thousands of uses, including home, office, workshop, garden and garage. This tape is widely used in the automotive trade for badges, rubbing strips and trim fixing

Storage:

Storage under normal room temperature and 50% RH in the original packing.

Shelf Life: Use within 12 months.

Product Specification

Properties	Specification	ASTM Test Method
Total Thickness	1 +/-0.2 mm	D - 3652
Adhesion Side-1	1000gms/inch	D - 3330
Adhesion Side-2	1300gms / inch	D - 3759
Tensile Strength	2600 gms/ inch	D - 3759
Elongation at Break	250 %	D - 3579
Roll ball tack	60 mm	D-3121
Temperature Range	-5°C to 55° C	

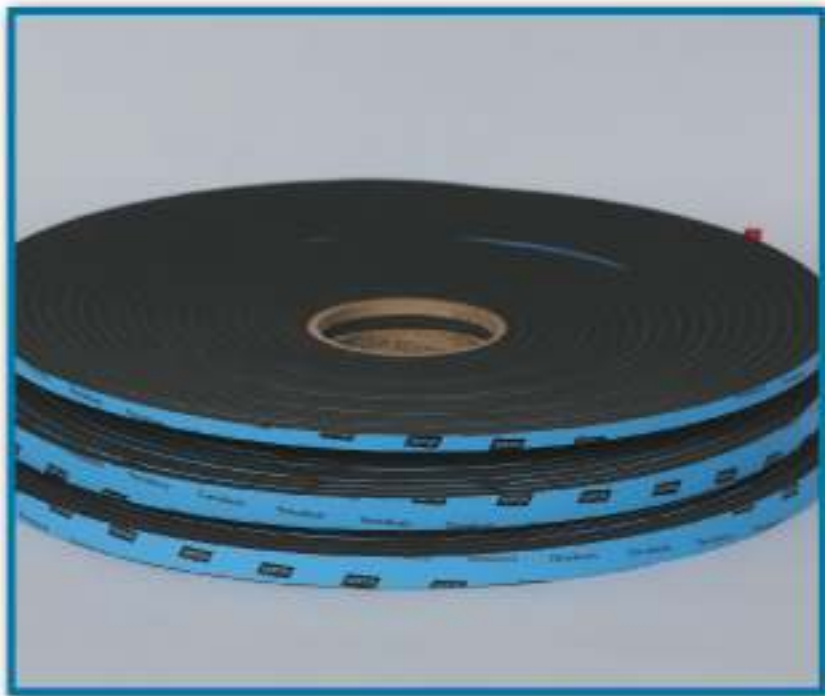
APPLICATION IMAGE
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Packing

Backing	Adhesive	Color	Liner	Standard Sizes		
				W(mm)	L(Mtr)	Rolls/Box
PE	Solvent Based Acrylic	White	Green	25	30	12
				10	30	30

Custom sizes can be produced as per customer specifications.

Note: The values and the figures provided above are results of tests and subject to variations. Users are to determine the suitability of our products.



Features:

- An open cell structure allows air and moisture to reach the silicone permitting optimum curing
- Semi-rigid polyurethane foam substrate is chemically compatible with all silicones tested
- Low thermal conductivity foam substrate reduces heat transfer and inhibits condensation on windows, doors and metal systems.
- Excellent resistance to weather, fungi and oxidation.

Applications:

- Structural Silicone Glazing
- Thermal Break on Storm Windows and Doors
- Curtain Wall
- Die Cut for Vibration Dampening

Product Specification

Property	Test Method	Value or Rating
Density: lbs./cu.ft	ASTM D - 1667	22
Force to compress 10% : psi	ASTM D - 1667	16
Hardness : Shore A	ASTM D - 2240	30
Tensile Strength : psi	ASTM D - 412	130
Elongation : %	ASTM D - 412	105
Dynamic Tensile Adhesion: psi (15-minute dwell)	NTP - 31	45
Dynamic shear Adhesion : psi (15-minute dwell)	NTP - 31	30
Static Shear Adhesion : Hours (1psi load)	NTP - 25	2000+
Thermal Conductivity : K Factor	ASTM C - 518	55

APPLICATION IMAGE
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Storage:

Storage under normal room temperature and 50% RH in the original packing

Shelf Life:

Use within 12 months.

Packing

Sealant No.	Thickness (in mm)	Length ft. (m)	Widths: 1/4" to 56" (6.35mm to 1.4m) Color: Black 3" I.D. Cores
V2204	1/8 (3.2)	50 (15.2)	
V2206	3/16 (4.8)	50 (15.2)	
V2208	1/4 (6.4)	50 (15.2)	
V2210	5/16 (7.9)	25 (7.6)	
V2212	3/8 (9.5)	25 (7.6)	

Custom sizes can be produced as per customer specifications.

Note: The values and the figures provided above are results of tests and subject to variations. Users are to determine the suitability of our products.



Tapes
For
**Foam &
Gaskets**

Diamond Gasket FoamTape



Diamond Foam Gasket tape has a moderately strong adhesive, and carried on Brown siliconized release paper. The tape has excellent flexibility and suitable for thermal insulation & duct Gasket purpose.

Features:

- Best Result Obtained when it's applied to clean and dry surfaces.
- Low moisture content of these products makes these tapes as a good sealant.

Applications:

- Diamond Foam Gasket tape is used ideal for closed tight gasket purpose, for avoiding moisture & dust.
- Diamond Foam Gasket tape flexible, light-weight, Nitrile foam for Quality Insulation for refrigeration, air Conditioning and other applications.
- General purpose holding, patching sealing applications –indoor and outdoor.
- This tape is suitable for Cushioning Air, water and dust seals Gap-filling Surface protection Gasket production Anti-vibration.

Product Specification

Properties	Specification	ASTM Test Method
Backing Thickness	6 +/- 1.5 mm	D - 3652
Adhesion To Steel	650-700 gms / inch	D - 3330
Tensile Strength	3800 gms / inch	D - 3759
Elongation at Break	155%	D - 3579
Density	60-70 kg/m ³	D -1667
Temperature Limits	-40°C to + 70° C	



Storage:

Storage under normal room temperature and 50% RH in the original packing

Shelf Life:

Use within 12 months.

Packing

Backing	Adhesive	Color	Liner	Standard Sizes		
				W(mm)	L(Mts)	Rolls/Box
NBR Closed Cell Foam	Acrylic / Hot Melt	Black	Brown Release Paper	19	10	25
				25	10	20

Custom sizes can be produced as per customer specifications.

Note: The values and the figures provided above are results of tests and subject to variations. Users are to determine the suitability of our products.

Reinforced Neoprene Foam Gasket Tape



Diamond Single Sided Neoprene reinforced Foam gasket tape has a strong acrylic adhesive, and carried on White release paper. The tape has excellent flexibility and suitable for switch gear and panel board gasket purpose.

Features:

- Excellent re-bond characteristic and does not collapse
- Low moisture content of these products makes these tapes as a good sealant
- Best results Obtained when it's applied to clean and dry surfaces
- Reinforced with fiber mesh to give an additional strength and highly elastic

Applications:

- Diamond Neoprene reinforce foam tape is highly recommended for switch gear and panel board manufacturer to be used as a gasket,
- Sealing electrical enclosures and switch cabinets.
- Sealing exterior and interior lighting, sealing industrial access doors and hatches
- This tape is suitable for cushioning Air, water and dust seals gap-filling surface protection gasket production Anti-vibration.

Product Specification

Properties	Specification	ASTM Test Method
Backing Thickness	4 +/-0.5 mm	D - 3652
Adhesion To Steel	800-1000 gms/inch	D - 3330
Tensile Strength	3800 gms / inch	D - 3759
Elongation at Break	150%	D - 3579
Shear Test	> 96 hrs	D - 3654
Density	150-160 kg/m ³	D -1667
Hardness (00)	40 +/- 10 mpa	D - 2240
Temperature Limits	-5°C to + 65° C	

Packing

Backing	Adhesive	Color	Liner	Standard Sizes		
				W(mm)	L(Mts)	Rolls/Box
Neoprene Foam Reinforced Mesh	Acrylic Adhesives	Black	White Release Paper	25	10	20
				15	10	33

Custom sizes can be produced as per customer specifications.

Note: The values and the figures provided above are results of tests and subject to variations. Users are to determine the suitability of our products.



Storage:

Storage under normal room temperature and 50% RH in the original packing

Shelf Life:

Use within 12 months.

A large industrial factory interior with a high ceiling, steel beams, and yellow overhead cranes. In the foreground, there are several blue metal carts on wheels. The floor is light-colored with blue grid lines. A large red graphic element is on the right side of the image.

Tapes
For
**Industrial
& General
Purposes**

Diamond Duct Tape



Diamond Duct tape coated with high performance rubber/resin adhesive. This is used mainly in duct insulation, and heavy duty packing.

Features:

- Low moisture content of these products makes these tapes as a good sealant
- The Aggressive solvent rubber adhesives offer for long serviceable life in outdoor as well as high humid atmosphere.
- Best Result Obtained when its applied to clean and dry surfaces

Applications:

- Aerofoam XPE Insulation closing purpose.
- Lamination for air conditioning ducting systems
- Roofing Application like flashing ,joints and insulations
- Duct sealing and joining for refrigerator and excellent barrier to vapor
- General purpose holding, patching, sealing applications -indoor and outdoor

Product Specification

Properties	Specification	ASTM Test Method
Backing Thickness	100 +/-5 micron	PSTC-133/ASTM-D3652
Total Thickness	170 +/-5 micron	PSTC-133/ASTM-D3652
Adhesion To Steel	1300 gms / 25mm	PSTC-101/ASTM-D3330
Tensile Strength	4000 gms / 25mm	PSTC-131/ASTM-D3759
Elongation at Break	60%	PSTC-131/ASTM-D3759
Shear Strength	> 96 Hours.	PSTC-121 ASTM-D-3654
Tack Rolling Ball	130 mm	PSTC-6/ASTM-D3121
Temperature Range	-5°C to 55° C	

Storage:

Storage under normal room temperature and 50% RH in the original packing

Shelf Life:

Use within 12 months.

Packing

Backing	Adhesive	Color	Liner	Standard Sizes		
				W(mm)	L(Yds)	Rolls/Box
Soft Temper PE/27 Mesh	Rubber Base	Grey/Black	No-Liner	48	25/30	24
				72	25/30	16
				96	25/30	12

Custom sizes can be produced as per customer specifications.

Note: The values and the figures provided above are results of tests and subject to variations. Users are to determine the suitability of our products.

Double Sided Polyester Red Liner Tape



Diamond Double sided polyester tape consist of a Solvent based adhesive coated on both sides of a polyester film. A Red Double sided release liner is added to one Side. The aggressive Solvent adhesive provide high initial adhesive to a wide range of surface including metal paper and most plastics including polyethylene, polypropylene tape Compatible with plastic surface and used for joining plastic & and general purpose holding.

Features:

- Reliable bond even to LSE substrates
- Immediate usability right after assembly
- Suitability for most demanding applications such as heavy stress
- High temperatures or critical substrates
- Easy to die cut
- Excellent Plasticisers resistance
- High adhesion, UV resistant
- Service temperature :- -40°C up to $+110^{\circ}\text{C}$ (Withstands shorter periods Up to 140°C)

Applications:

- Bonds a wide variety of similar and dissimilar substrates including those with low surface energy
- Mounting of ABS plastic parts in the car industry
- Self- adhesive mounting of rubber/ EPDM profiles
- Mounting of decorative profiles and moldings in the furniture industry
- Splicing films, Foils etc.
- Mounting of battery packs, lenses and touch- screens in electronic devices
- Tape Mounting of Plastic surface and used for joining plastic / polycarbonate sheets and film applications etc

Product Specification

Properties	Specification	ASTM Test Method
Total Thickness	190 +/-5 micron	D - 3652
Adhesion To Steel Side A	2800 gms/inch	D - 3330
Adhesion To Steel Side B	3200 gms / Inch	D - 3330
Tensile Strength	8500gms / Inch	D - 3759
Elongation at Break	95%	D - 3579
Shear Strength	> 240 Hours	D - 3654
Tack Roll Ball	40 mm	D - 3121
Temperature Range	-40°C up to $+110^{\circ}\text{C}$	

Packing

- Roll Length: 50 meters,
- Roll Width: 48mm / 72mm
- Core: 76 mm HDPE core ,
- Packing: Plastic Bags,
- Colour: Transparent.

Custom sizes can be produced as per customer specifications.

Note: The values and the figures provided above are results of tests and subject to variations. Users are to determine the suitability of our products.

APPLICATION IMAGE
REQUIRED

Storage:

Storage under normal room temperature and 50% RH in the original packing

Shelf Life:

Use within 12 months.

Diamond Foam & Die-Cut Tape



Diamond Foam tape and Die cuts has a moderately strong Acrylic adhesive, and carried on silicized Brown release paper. The foam Sheet are Die cut into gaskets to seal against air, moisture and dust and to protect against temperature and noise, Foam tape facilitate the mounting of parts on uneven Surface.

Features:

- Low density, excellent physical properties
- Fine and regular closed cell structure
- Excellent thermal stability range
- Low moisture content of these products makes these tapes as a good sealant
- Best results obtained when it's applied to clean and dry surfaces

Applications:

- Gaskets,
- Seals, Pads, Cushions
- Packaging, Electrical- Thermal & acoustic insulators
- Vibration, Isolation and Damping purpose

Product Specification

Properties	Specification	ASTM Test Method
Foam Thickness	3 to 25mm +/-0.75 mm	D - 3652
Adhesion To Steel	600 to 750 gms/25.4mm	D - 3330
Tensile Strength	3800 gms/25.4mm	D - 3759
Elongation at Break	80 %	D - 3579
Foam Density	>30 +/-3 kg/m ³	D - 1622
Thermal Conductivity		
A 100C / (at 10°C)	0.036 W/mk	C - 518
A 400C / (at 40°C)	0.040 W/mk	
Shore Hardness - 0,0	50 +/- 2 Mpa	D - 2240
Temperature Limits	-5°C to + 55° C	



Storage:

Storage under normal room temperature and 50% RH in the original packing.

Shelf Life:

Use within 12 months.

Packing

Backing	Adhesive	Color	Liner
Polyethylene Foam	Acrylic Adhesive	Grey	Brown

Custom sizes can be produced as per customer specifications.

Note: The values and the figures provided above are results of tests and subject to variations. Users are to determine the suitability of our products.

Diamond Tissue Tape



Diamond Tissue tape consist of an Rubber resin adhesive coated on both sides of a thin tissue carrier. A White Double sided release liner is added to one Side. The aggressive Rubber adhesive provide high initial adhesive to a wide range of surface including wood metal paper and most plastics including polyethylene, polypropylene and general purpose holding.

Features:

- Excellent adhesion to most surface.
- Flexible to conform to irregular surfaces & Hand tearable
- High tack level offers high immediate adhesion
- Easy converted by die -cutting & Dimensionally stable
- Reliable bond even to LSE substrates

Applications:

- Packing of Confectionery Item
- Suitability for most demanding applications such as heavy stress
- Lamination of foam, fabrics and papers
- Web splicing for paper and corrugated board.
- Attaching lightweight signs, name plates and plaques.
- Production of promotional signage or sample boards

Product Specification

Properties	Specification	ASTM Test Method
Total Thickness	90 +/-5 micron	D - 3652
Adhesion to Steel Side A	1600 gms/ Inch	D - 3330
Adhesion To Steel Side B	1900 gms/ Inch	D - 3330
Tensile Strength	850 gms / inch	D - 3759
Elongation at Break	5%	D - 3579
Shear Strength	> 96 Hours	D - 3654
Tack Roll Ball	85 mm	D - 3121
Temperature Range	-5°C to 65° C	

Packing

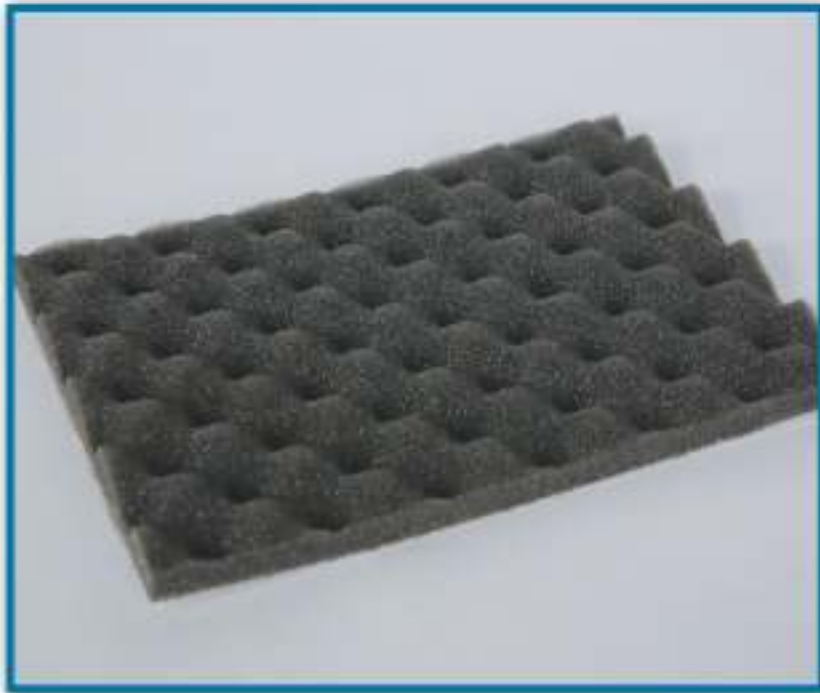
- Roll Length : 50/100 meters,
- Roll Width: 24/ 48 mm / 72 mm /104 mm
- Core: 76 mm Diamond Branded Cardboard Core

Custom sizes can be produced as per customer specifications.

Note: The values and the figures provided above are results of tests and subject to variations. Users are to determine the suitability of our products.



Diamond Sound Absorption Foam Tape



Diamond Flexible Polyurethane Sound Absorption Foam Tape has backing combined with strong Solvent based adhesives and easy Release paper liner. The light weight PU, foam is a high performance barrier and meet self-extinguishing fire rating as per UL -94

Features:

- Noise Absorption
- Sound Damping
- Flame Retardant
- Thermal Insulation + Noise Absorption + Flame Retardant
- Easy to Handle
- Convenient to mount
- Hassle- free
- Long life
- Consistent efficiency

Applications:

- Canopy for DG Sets and Air Compressors
- HVAC Systems
- Sound –proofing treatment ofr various panels
- Naval shipyards & Industrial bodyworks
- Automobile Industry & Theaters, Auditoria and indoor stadium
- Electronic Industry & Electronic Data Processing Units
- Engine Testing Rooms,

Product Specification

Properties	Specification	ASTM Test Method
Standard Foam	10 to 40 +/-10 %	ASTM - D3652
LDPE Laminated	115 +/-5 micron	ASTM - D3652
White Release-paper Liner		
Density – kg/m ³	28 +/- 2 %	
Tensile Strength	> 3500 gms / Inch	ASTM - D3759
Elongation at Break	>120 %	ASTM - D3759
Shear Strength	> 120 Hours	ASTM - D-3654
Tack Rolling Ball	30 mm	ASTM - D3121



Storage:

Storage under normal room temperature and 50% RH in the original packing

Shelf Life:

Use within 12 months.

Packing

Backing	Adhesive	Color	Liner	Standard Sizes		
				W(mm)	L(Mts)	Rolls/Box
Acoustic Self-extinguishing UL 94 Polyurethane Foam	Solvent Acrylic	Anthracite Grey	White release Paper	1000	36(10mm T)	24
				72	18(20mm T)	16
				96	2 mtr (30 & 40mm sheet)	12

Note: The values and the figures provided above are results of tests and subject to variations. Users are to determine the suitability of our products.