



PRODUCT FOR ELECTRICAL AND ELECTRONICS INDUSTRY

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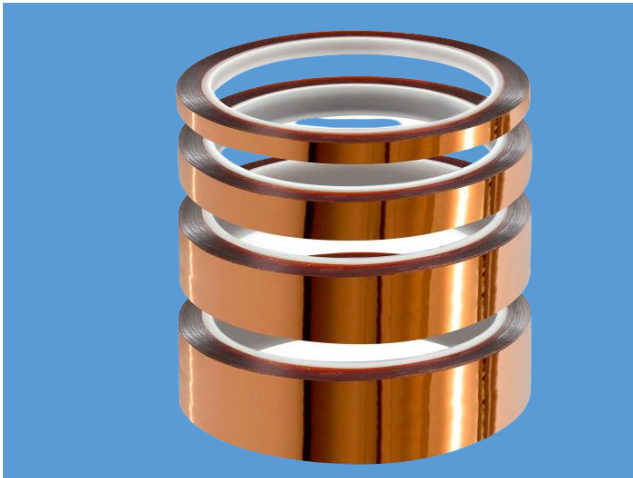


Kapton Tape

polyimide film exhibits an excellent balance of physical, chemical, and electrical properties over a wide temperature range, with superior dimensional stability at elevated temperatures. Kapton is a register trade name of DuPont Polyimide.

APPLICATIONS :

- Ideal for wave soldering, insulating circuit boards and high temperature powder coating.
- Insulation in Electrical and Electronic Equipment.
- Gold finger masking in PCB .
- Heaters
- Antenna
- LED circuitry.



Code	Description	Thickness	Adhesive	Temperature	Others
DKT-25	Polyimide Tape	0.060 mm ± 5.0 %	Silicon	180 °C	Amber
DKT-50CR	Polyimide Tape	0.080 mm ± 5.0 %	Silicon	180 °C	Amber
DKT-25DR	Kapton Tape	0.070 mm ± 5.0 %	Silicon	180 °C	Amber
DKT-9101	Kapton Tape	0.030 mm ± 5.0 %	Silicon	180 °C	Amber



Aluminium Foil Tape

Product Description & Application

Aluminium foil tapes are used for shielding and thermal insulation.

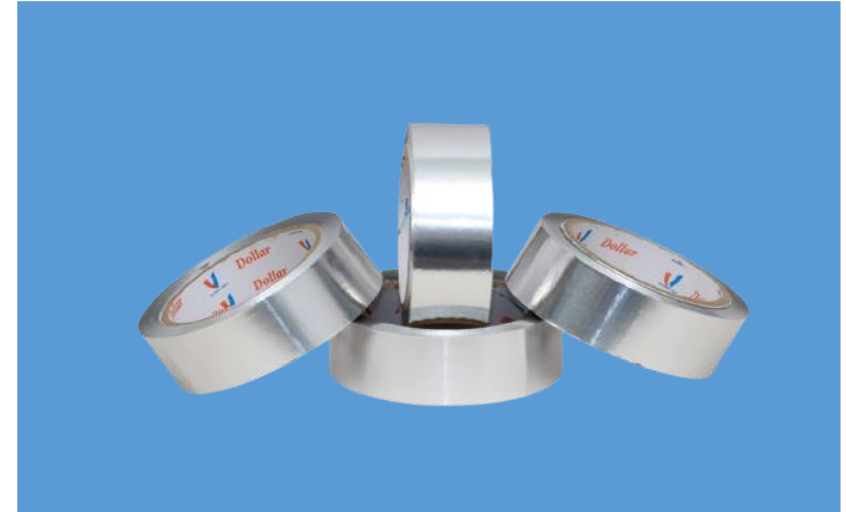
APPLICATIONS:

- EMI/RFI Shielding.
- Antennae & components.
- Heat tracing applications for heating pads, chemical pipeline insulations, temperature control solutions.
- Jointing insulation panels.
- A suitable PSA tape used as Heat Reflector.

Product Grades

Code	Description	Thickness	Adhesive	Temperature
DAFT-5040	Aluminium Foil Tape	90.0 ± 10.0%	Acrylic	-40°C to +160°C
DAFT-3640S	Aluminium Foil Tape	90.0 ± 10.0%	Acrylic	-40°C to +160°C
DAFT-3030 Conductive	Aluminium Foil Tape	57.0 mic ± 10.0%	Acrylic	155°C

Product Pictures



Application Pictures

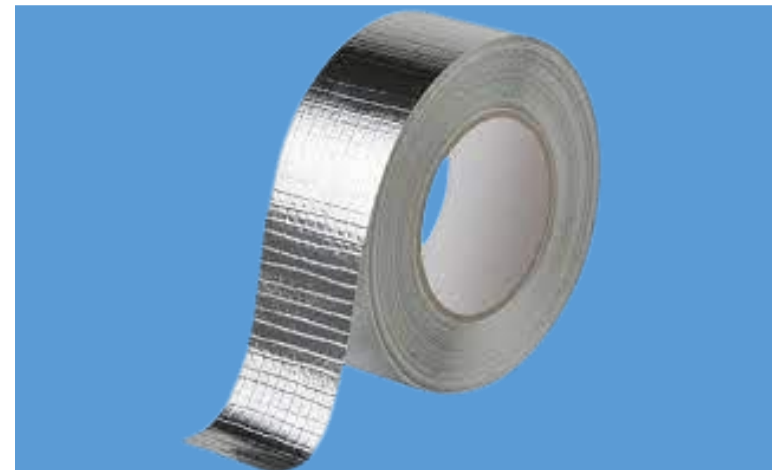


Reinforced Aluminium Foil Tape

Aluminium Foil Laminated Fiber Glass Fabric and is coated with Acrylic pressure sensitive adhesive with silicone release paper liners.

APPLICATIONS:

- A heat reflective wrap, over insulation cables, instruments, or other high temperature sensitive materials.
- Thermal conductivity, heat and light reflectance.
- Sealing seams and joints on Aluminium faced fiber glass duct board.



Code	Description	Thickness	Adhesive	Temperature
DRAT-407	Reinforced Aluminium Foil Tape	150.0 mic +/- 10.0%	Acrylic	150°C

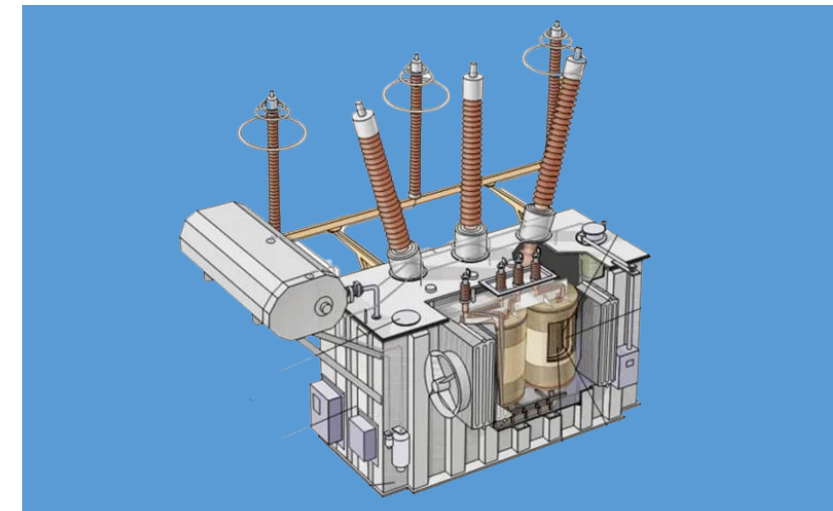


Mono Filament Tape

A utility packaging tape reinforced with continuous glass filaments which give tensile strength to the tape. It's high strength monodirectional filament tape with good resistance to abrasion.

APPLICATIONS:

- Extremely Strong tearproof polypropylene tape.
- Its even unwind strength provides consistent lapping/wrapping.
- Reinforcement and closing of cables.
- Hold modular parts of appliance and electronic stationery.



Code	Description	Thickness	Adhesive	Temperature
DMFT-217	Mono Filament Tape	140 ±5micron	Hot Melt	-5°C±2 to 75°C±2
DMFT-398	Mono Filament Tape	0.16mm	Synthetic Rubber	-10°C to 80° C

Masking Tape

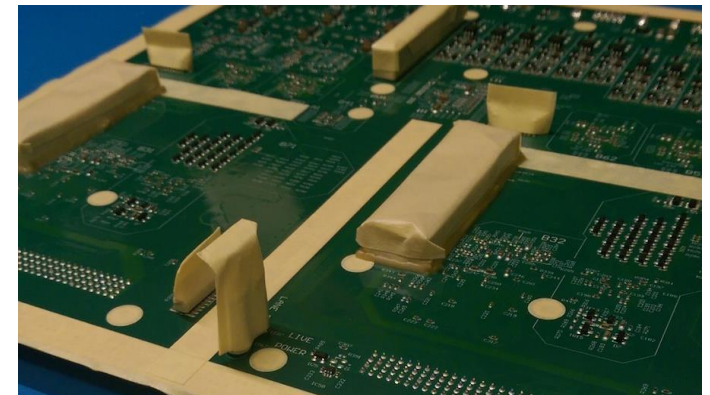
Masking tape was developed specifically to help protect surrounding surfaces from overspray, provide clean paint lines, and remove easily and cleanly when finished.

APPLICATIONS:

- Labeling
- Identifying
- Bundling
- Temporary attachments
- Splicing
- Light bundling.



Code	Description	Thickness	Adhesive	Temperature
DMT-308-45	General Purpose Masking Tape	0.14mm +/- 0.02	Solvent Based Natural Rubber	60 °C
DMT-308-50	Masking Tape	0.14mm +/- 0.02	Solvent Based Natural Rubber	60 °C

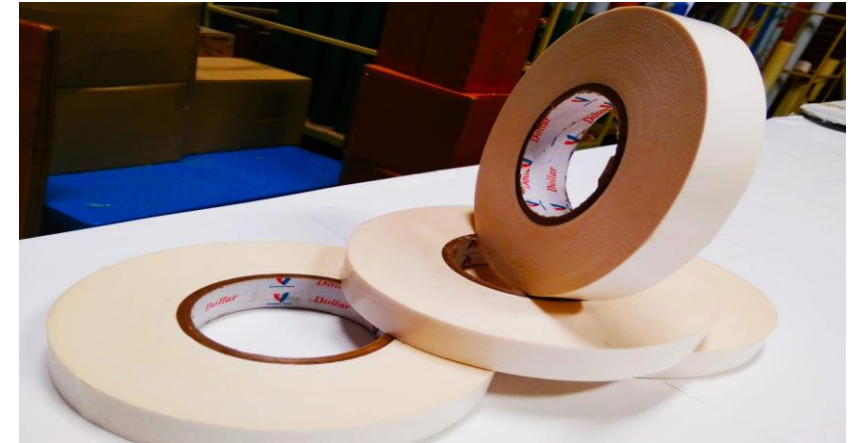


Tissue Tape

Double Side Tissue Tape is Synthetic Rubber Resin coated on Non Woven material which gives effective quick bonding with strong adhesion.

APPLICATIONS:

- Plastic film lamination/bonding.
- HEAT tracing pads.
- Splicing films, foils and corrugated paper.
- Core starting.



Code	Description	Thickness	Adhesive	Temperature
DST-90HM	Double sided Tissue tape	0.060mm +/- 10.0%	Hot Melt	80 °C
DST-90S	Double sided tissue tape	0.070mm +/- 5.0%	Solvent Acrylic	120 °C



Pink Rayon Cloth Tape

Pink Rayon Tapes are reckoned for their outstanding insulation capability. These are rubber based adhesives that are known for their excellent holding power.

APPLICATIONS :

- Excellent compatibility with PVC-, PE- and PP-cable insulation.
- For use in core insulation in relay transformers solenoid coils.



Code	Description	Thickness	Adhesive	Temperature
DPRT-250	Pink Rayon Cloth Tape	300.0 Mic \pm 10.0%	Rubber	150°C



Polyester Tape

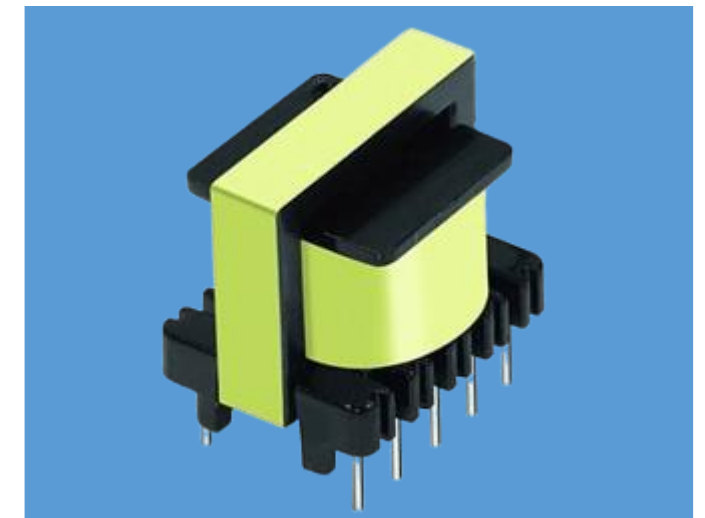
Polyester tape containing precured Thermosetting Acrylic adhesive and has excellent chemical and solvent resistance.

APPLICATIONS :

- Polyester Tape is especially suited for applications such as wrapping coils, capacitors.
- Masking parts for high temperature powder coat painting
- Masking in electroplating and anodizing.
- Transformer windings.
- Coil windings.



Code	Description	Thickness	Adhesive	Temperature
DPT-25	Single Sided Polyester tape	60.0 Micron \pm 10.0%	Acrylic Adhesive	120°C
DPT-50Y	Yellow Polyester tape	85.0micron \pm 10.0micron	Acrylic Adhesive	120°C
DPT-5062	Single Sided Polyester Tape with Liner	90.0 Mic \pm 5.0 Mic	Acrylic	120°C
DPT-30	Single Sided Polyester tape	60.0 Micron \pm 10.0 %	Rubber Adhesive	180°C



Glass Cloth Tape

Glass cloths are the most flexible and conformable backings used for adhesive tapes. Due to the glass fibers in the cloth, it is non-flammable and high temperature resistant.

APPLICATIONS:

- Insulation, inner and outer layer wrapping of electrical coils, and bobbins.
- Inter phase insulation, holding & general insulation of coils and transformers.
- Heavy coil banding.
- Good impregnability for traction machines.
- Slot edge reinforcement.



Code	Description	Thickness	Adhesive	Temperature
DGCT-200H	Glass cloth tape	200.0 mic \pm 10.0 mic	Polysiloxane	260 °C
DGCT-150R	Glass Cloth Tape	180.0 Mic \pm 10.0 %	Rubber Adhesive	130°C (Class B)
DGCT-503WL	Glass Cloth Tape	180.0 mic \pm 10.0mic	Acrylic Modified	155°C (Class F)



Double Sided Cross Filament Tape

Double Side Cross Filament Tape is a bi-directional filament made of high strength fibre glass yarn coated with hotmelt adhesive on both the sides giving the tape an extremely high adhesion.

APPLICATIONS:

- Mounting of battery packs in cellular phones & mounting of screen/lens.
- Used as reinforcement for foam tapes.
- Heat tracing pads.
- Used in electrical and electronic industry for Fixing membrane switches, electronic devices or parts & graphic overlays.



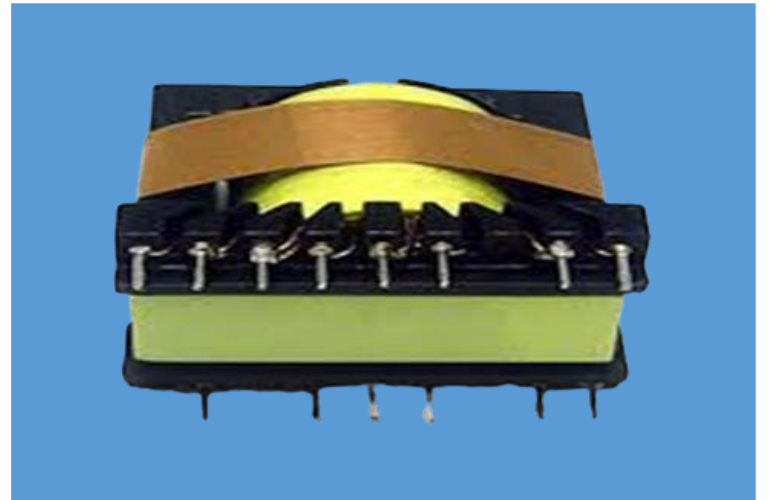
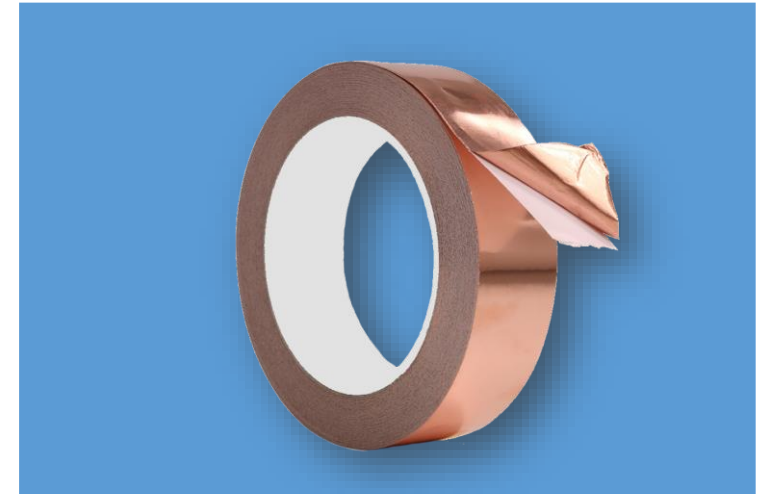
Code	Description	Thickness	Adhesive	Temperature
DSCFT-930	Double Sided Cross Filament Tape	140 Mic +/- 10.0 %	Synthetic Rubber	150°C

Copper Foil Tape

copper foil backed tape coated on one side with an acrylic adhesive which is pressure sensitive yet very aggressive. This tape features high tensile copper foil which is extremely malleable for shielding.

APPLICATIONS:

- Commonly used for RFI/EMI shielding and electrostatic discharge.
- Electrical cabinet shielding and Electrical grounding.
- Electrical connection between surfaces (sheets/ foils).
- Printed circuit board manufacture and repair.



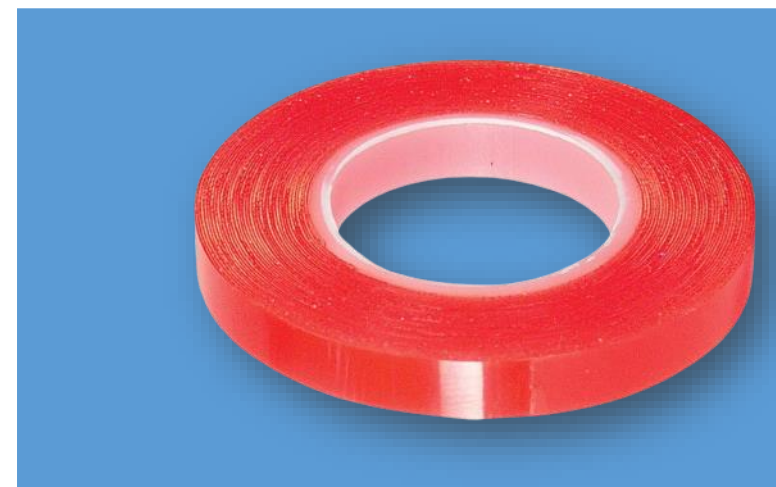
Code	Description	Thickness	Adhesive	Temperature
DXINST-070185	Copper Foil Tape	0.085 mm± 0.005 mm	acrylic	-40°C to 107°C.

Double-coated Tape with High Shear and Temperature Resistance

Double sided self-adhesive tape consisting of a PET film backing and a modified acrylic adhesive with excellent adhesion and holding power.

APPLICATIONS:

- Mounting of battery packs, lenses and touch-screens in electronic devices.
- Self-adhesive mounting of rubber/EPDM profiles.
- PCB Masking Tape.
- It is recommended for film splicing/joining application.
- Bonding trim onto electrical components & audio/ visual equipment.



Code	Description	Thickness	Adhesive	Temperature
DSPT-65R	Double-sided Red Polyester Tape	0.205mm +/- 0.02	Modified Acrylic	250°C

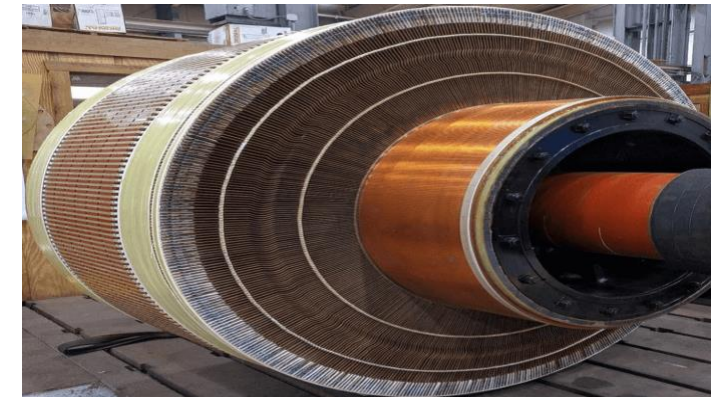
Resin Poor Polyester Mica Tape

Resin Poor Polyester Mica Tape suitable for main wall insulation in HT Rotating Machines wherein Vacuum Pressure Impregnation (VPI) system is used

Uncalcined Muscovite Mica is supported with a Electrical grade Polyester Film with a suitable Epoxy Resin System.

APPLICATIONS:

- It is designed for high temperature resistance insulation of inter-cells thermal insulation in battery packs.
- Main Slot wall insulation of conductor coils and bars in HT motors and generators.
- Coil Insulation
- Traction Motor Repair.
- DC Motors



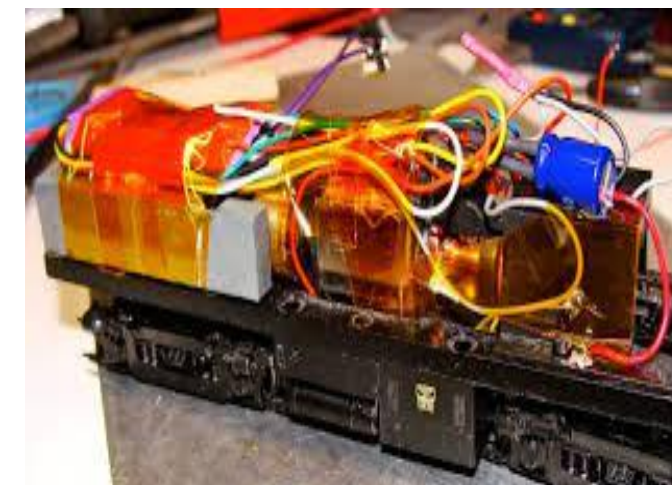
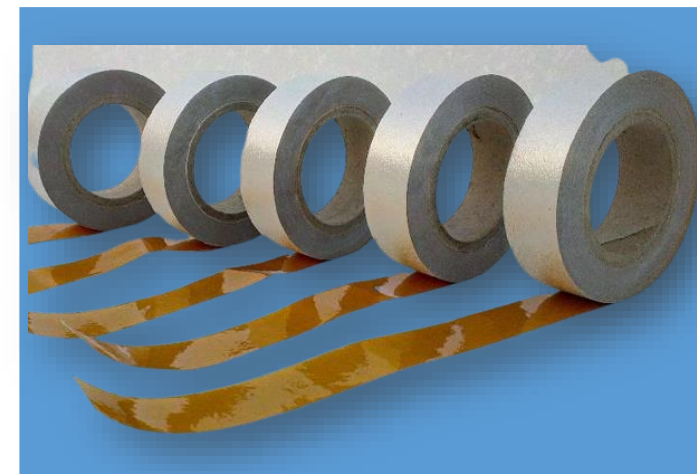
Code	Description	Thickness	Temperature
	Mica Resin Poor Polyester Tape	0.13 mm	200°C

Kapton Mica Tape

Glass mica tape is a lamination of uncalcined phlogopite / muscovite mica paper with a glass cloth. Mica Tape consist of phlogopite mica paper integrated with high quality silicon resin and reinforced with glass cloth.

Kapton backed Mica tape is used as main wall insulation majorly in traction machines. Special grade Mica Paper with inherent Aramide content (5-7 %) is supported by a Polyimide Film with a high temperature Silicone Resin System.

- Glass mica impart fire-resistant properties to the electric cables and are suitable for power and control cables
- Kapton mica tape is used for insulation of armature coil in class 200 traction motors.
- Instrumentation and signaling cables.
- Circuit-integrity is ensured by these tough and resilient FRLS cable tapes during fire and in high-temperature environments
- Coil Head Spacers



Code	Description	Thickness	Temperature
DMG 9001	Glass Mica Tape	0.12 ± 0.02mm	200°C
	Kapton Mica Tapes	0.13 ± 0.01mm	300°C

Polyester Fleece And Glass Cloth Tape

Glass Mica Polyester Tape is known for its unique blend of high tensile strength imparted by glass cloth. polyester fleece adhesive tape with acrylic adhesive suitably designed for FHP motor coil insulation.

APPLICATIONS :

- Glass polyester cloth Tape Overhang Insulation of the coils / bars in HT motors and generators due to its high thermal.
- Used for Core, Layer and Final insulation of coils and oil-filled transformers
- GMP wrappers are used for ground-insulation in HT motors.
- This polyester fleece tape performs well in the tapping application of FHP motors due to high-tack adhesive strength.

Product Pictures



Application Pictures



Code	Description	Thickness	Adhesive	Temperature
	Polyester Glass Cloth Tape	0.1 ± 0.01 mm	acrylic	155°C
	Polyester Fleece Tape	0.190 ± 0.010 mm	Rubber/Acrylic	Class B -130°C Class F 155°C

Nomex Tape

The most thin Nomex tape consists of a polyester film coated with NOMEX paper (polyaramid) and with an acrylic adhesive.

APPLICATIONS:

- Interlaminar insulation in transformers
- Termination and outer insulation on coils
- Heat-resistant electrical insulation
- Used as release film while curing in Armature coil during the resin consolidation process
- Electrical Motors, Traction Machine Manufacturing, Insulation or Bar Wound Armature.



Code	Description	Thickness	Adhesive	Temperature
	DS-Nomex Adhesive Tape	0.15mm	Acrylic	Class F-155°C Class H- 180°C
	SS-Nomex Adhesive Tape	0.08mm to 0.12mm	Acrylic	Class F-155°C Class H- 180°C



ACETATE SILK TAPE

It is a unique electrical cloth tape offering excellent conformability in coil wrapping applications. It also offers excellent absorption of resins & vanishes device sound dumping property.

APPLICATIONS:

- Electrical insulation
- Electronic devices.
- Bundling and Protecting.
- Ideal for use in coil wrapping applications.
- Acetate Fabric Tape for contactor coils.



Code	Description	Thickness	Adhesive	Temperature
	Acetate Silk Tape	0.220 ±15%	Thermosetting rubber	130°C

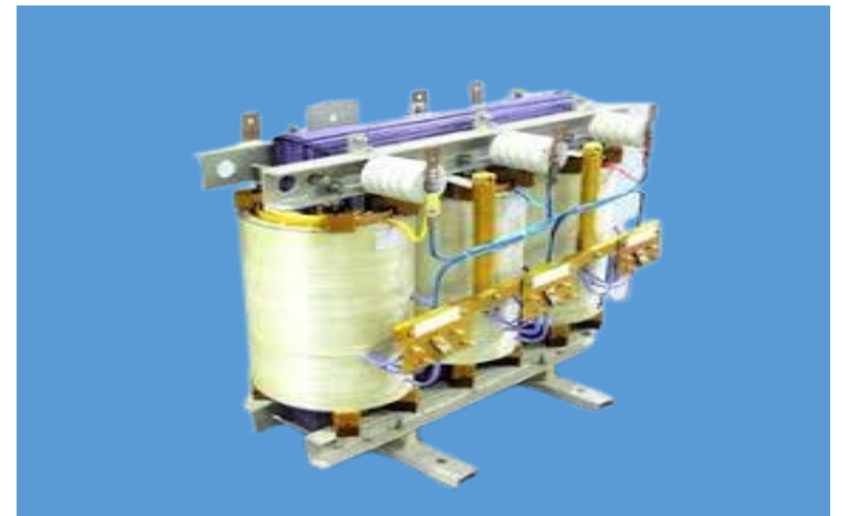
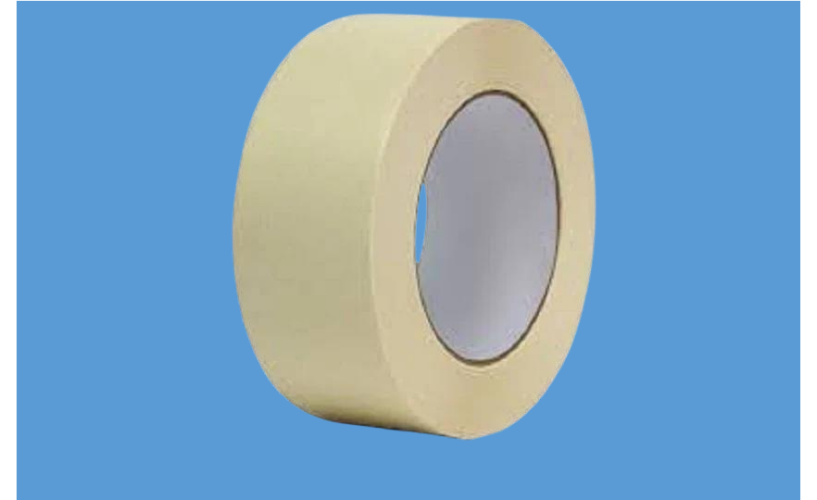
Nomex Polyamide Tape

Polyamide/ Nomex tape has very high efficiency in performing for high-temperature tape applications and in stressful conditions, especially used in Traction motors and rotating machines for wrapping of conductors.

APPLICATIONS:

- Used as release film while curing in Armature coil during the resin consolidation process.
- Insulation for bar wound armature.
- Phase and Layer Insulation
- Coil Banding and Wrapping.

Code	Description	Thickness	Adhesive	Temperature
	Nomex Polyamide tape	0.100 mm to 0.140mm	Synthetic Resin	155°C

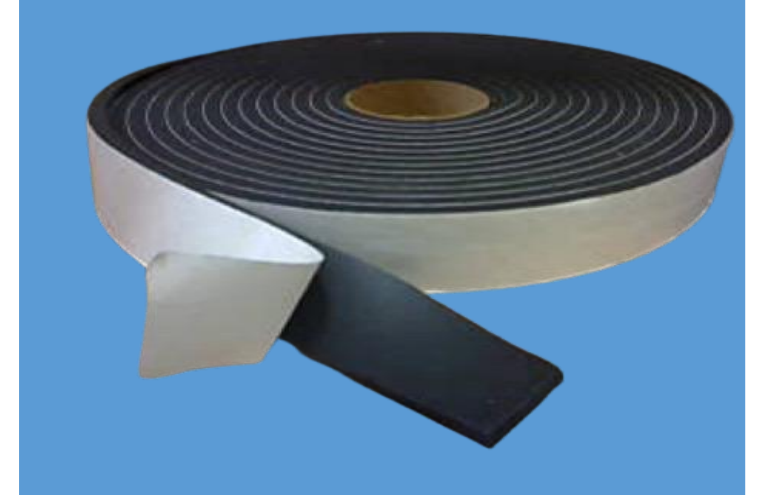


XLPE Foams

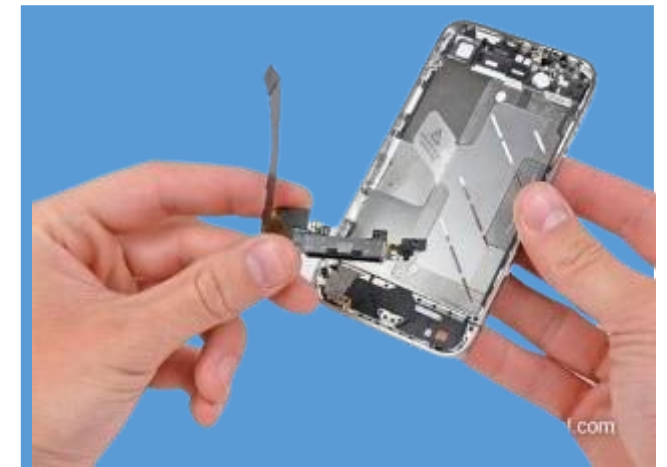
Cross-linked polyethylene, commonly abbreviated PECL or XPE or XLPE, is a form of polyethylene with cross-links.

APPLICATIONS:

- XLPE tape has excellent flexibility and suitable for Thermal insulation.
- Insulation of High Tension Electrical Cables
- General purpose holding, patching sealing applications indoor and outdoor.
- Duct gasket application purpose.
- Packing precision components.



Code	Description	Thickness	Adhesive	Temperature
DXLPE-60	Poly Ethylene Cross Link	1mm to 45 mm	Customize	-35°C to +110°C
DXLPE-60-SS	Poly Ethylene Cross Link single side adhesive	1mm to 45 mm	Customize	-35°C to +110°C

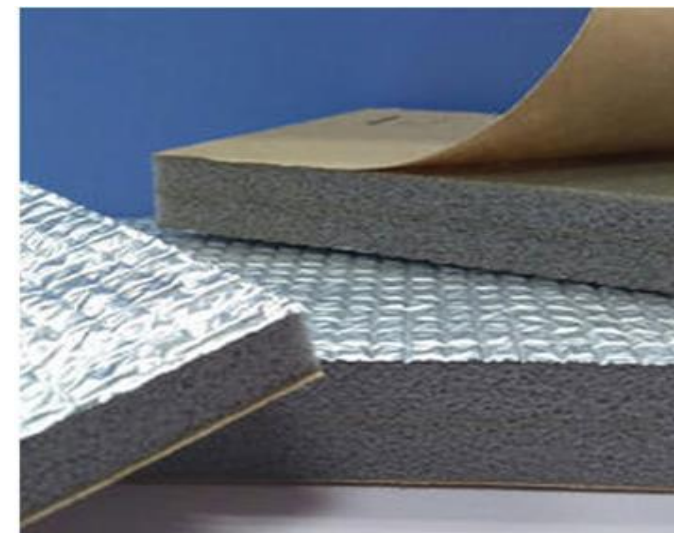


CXLPE Foam Tape

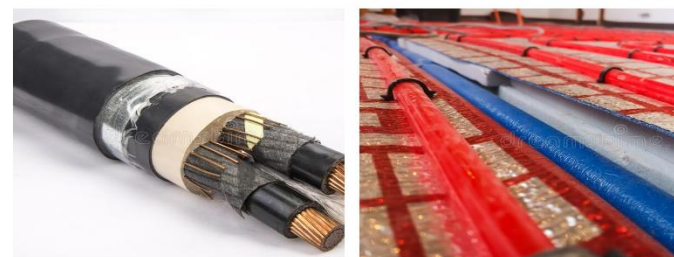
CXLPE Foam is a range of extruded, closed cell, chemically cross-linked polyethylene foams. The product can be offered in various densities, thickness & laminates.

APPLICATIONS:

- Roofing insulation with aluminum foil.
- Industrial refrigeration, cold storage, cold water pipes, AHUs (air handling units), A/C ducts, domestic air conditioners etc.
- It's Very high sealant to use with Air Conditioning, Duct work.



Code	Description	Thickness	Adhesive	Temperature
DCXLPE-30	Cross-linked polyethylene foam	3mm to 50mm	Customize	-35°C to 110°C
DCXLPE-30-1AF	Cross-linked polyethylene foam one side aluminium coated	3mm to 50mm	Customize	-35°C to 110°C

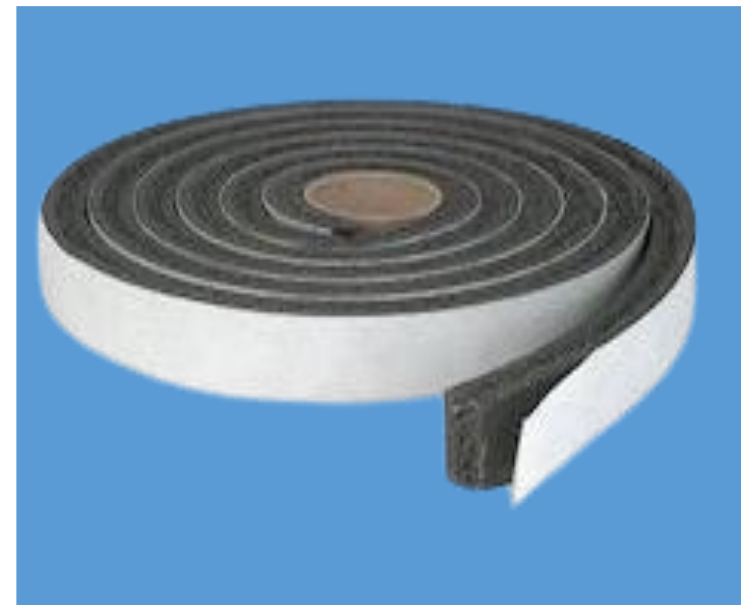


Nitrile Foam Tape

Nitrile foam is a soft, closed cell foam with excellent acoustic and thermal properties. It is relatively lightweight compared to other sealing foam. It has a skinned finish on the surface which helps to give it good sealing properties against water, dust and air.

APPLICATIONS:

- Refrigeration piping.
- HVAC systems
- Quality Insulation for refrigeration, air Conditioning and other applications.
- It's Very high sealant to use with Air Conditioning, Duct work.
- Gasket in electrical panels.
- Sealing electrical enclosures and switch cabinets.



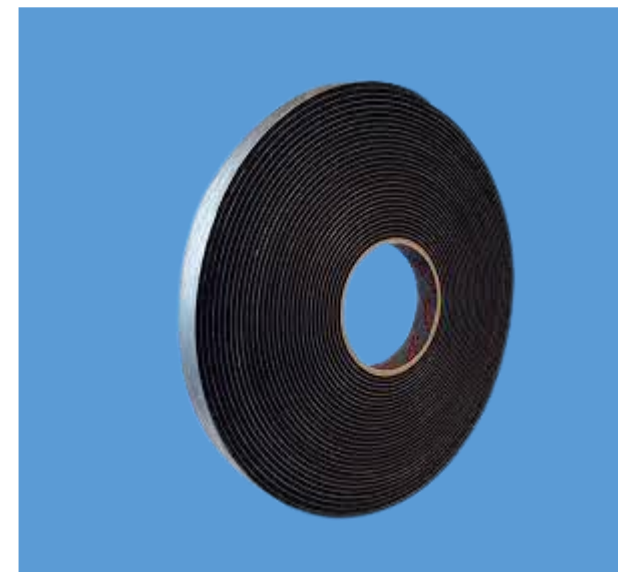
Code	Description	Thickness	Adhesive	Temperature
DNIT-3-1A	Dollar nitrile foam	3mm,6mm,9mm ,13mm,16mm,1 9mm,25mm, 32mm	Customize	-35°C to 120 °C

EPDM Foam Tape

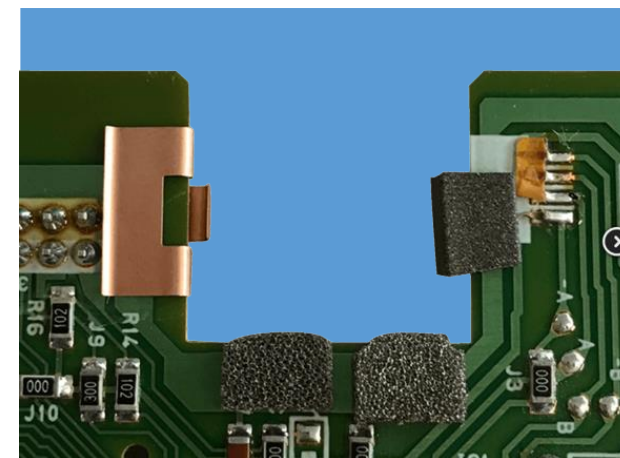
EPDM is the acronym for ethylene propylene diene monomer Foam. This synthetic Foam is sometimes blended with other materials and is often used in areas requiring higher performance physical properties with respect to heat, ozone, and weather resistance.

APPLICATIONS:

- Duct Insulation, Mobile phone, Shielded rooms.
- Roofing application like flashing, joints & insulation
- General purpose holing, patching & sealing.
- Windshield Seals



Code	Description	Thickness	Adhesive	Temperature
DEPDMCC-85	EPDM Foam	1mm to 40mm	customized	-40°C to 110°C
DEPDMCC-85-SS	EPDM Foam	1mm to 40mm	customized	-40°C to 110°C
DEPDMOC-50	EPDM open cell	3mm to 40mm	customize	-35°C to 90°C
DEPDMOC-50-SS	EPDM open cell	3mm to 30mm	customize	-35°C to 90°C

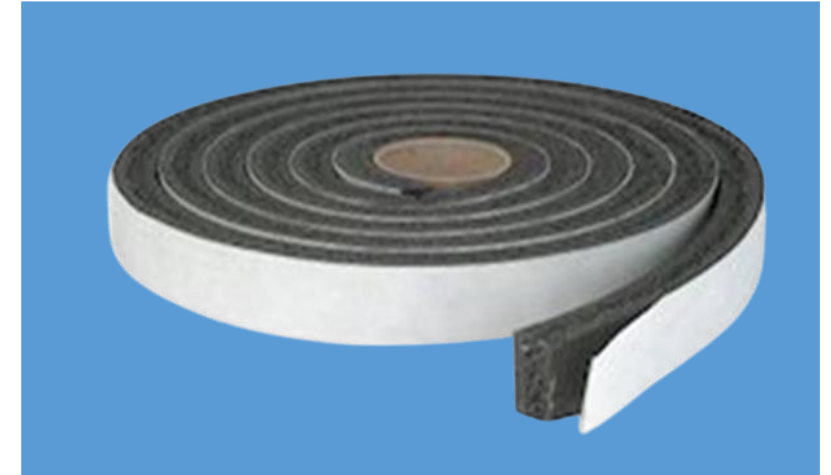


Eva Foam Tape

EVA Ethylene vinyl acetate (also known as EVA) is the copolymer of ethylene and vinyl acetate. used as an effective substitute for a variety of materials used in production.

Applications:

- Chilled water piping system.
- Refrigeration piping.
- Hot water piping lines.
- HVAC systems.
- Industrial piping
- EVA is competitively used in place of rubber and vinyl products in many electrical applications.



Code	Description	Thickness	Adhesive	Temperature
DEVA-90	Ethylene-vinyl acetate	0.8mm to 40mm	customized	-40°C to +100°C
DEVA-90-1A	Ethylene-vinyl acetate	1mm to 40mm	customized	-40°C to +100°C



Expanded polyethylene Foam

Expanded polyethylene is a polyethylene-based polyolefin, which is obtained by means of physical or chemical agents to achieve its foaming.

APPLICATIONS:

- These foams are mainly used as packaging solutions as well as thermal insulation.
- Shock Absorption and electrical parts packaging.
- Expanded polyethylene is widely used for insulating air conditioners, pipes, heaters, etc.
- Gaskets.



Code	Description	Thickness	Adhesive	Temperature
DEPE-3.20	Expanded polyethylene Foam	1mm to 55mm	customized	-30°C to 70°C





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