

# HOUSE OF ADHESIVE TAPES



**PRABHU  
ENTERPRISES**

**INDUSTRIAL SUPPLIERS**

Deals in :

- ALL KINDS OF INDUSTRIAL SPECIALITY ADHESIVE TAPES
- DIFFERENT TYPES OF FILTER CARTRIDGES, BAGS & HOUSINGS

## BOPP Self Adhesive Tapes

BOPP (Bi Axially Oriented Polypropylene) film coated with single side adhesive, with excellent tack.

Available in Transparent, Brown and various colors.

### Applications

- Packaging carton boxes with automatic sealing machine
- Packaging for export
- Steadying & bundling Protection



## Masking Tape

Masking Tape is natural crepe paper coated with rubber base adhesive. High resistance to solvents, oil and water. Excellent adhesion and cohesion strength.

It is flexible and can cleanly remove from applied surfaces.

### Applications

- Requires in refrigeration
- Automotive parts and business machines
- Masking of painted metal
- Plastic and rubber surface where staining could be a problem
- Light packaging
- Bundling
- Car body repairs and lacquering applications.



## Surface Protection Tape (Polyethylene Tape)

LDPE film is coated with pressure sensitive adhesive. Depends upon the surfaces to be protected and use, the adhesive is applied on the film. It is available in transparent color.

### Features

- Adjustable peeling force.
- No adhesive residue.
- Weather resistance.
- Easy to peel off.
- Excellent workability.

### Applications

- Excellent protection against abrasion and scratches.
- Protection of S.S or G.I sheets and coils against scratches and dust during transportation/ carving /polishing and handling.
- For anodized/ powder coated/ PVDF coated aluminum profiles, car body, composite panels , Polycarbonates / Glass and plastic body surface protection during carving.

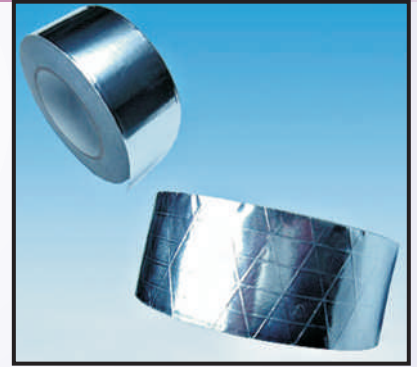


## Aluminium Foil Tape

A flexible and strong bright aluminium tape use on most surfaces.

### Applications.

- Highly suitable for sealing of air conditioning and cool/warm air flow ducting.
- Used for jointing foil faced glass fiber or rock-wool insulation panels & sealing joints for in ducting providing a flame retardant & vapor-proof barrier.
- Ideal for quick repairs to gutter, down-pipes, ducting and many other surfaces. UV resistant and waterproof.



## PTFE(Teflon) Coated Fiber Glass Products

### Adhesive Tapes

PTFE(Teflon) Itself is a highly versatile product with well know remarkable properties and fiberglass is well known as an excellent material in terms of its high temperature resistance and dimensionally stability. Combination of these two materials gives one product of practically unsurpassed utility and value.

PTFE(Teflon) Coated Fiber Glass fabric is coated with silicon pressure sensitive adhesive. Available in different sizes.

### Features

- Temperature resistance up to +240°C.
- PTFE coated glass fabric is a very good heat conductor and gives non-stick surface.
- High electrical insulative and dielectric properties, Low electrical losses
- Dimensional stabilities under heat and pressure
- Ultra-Violet, infra-Red, Micro-wave, radio frequency resistance

### Applications

- It is used in sealing of polymer film in FFS, Impulse sealer, Band Sealer and Bags making.
- 6Mil.thick Cloth & Tapes ('V' Variety) is specially used in oil & Ghee packing.
- It is used for covering of drying and sizing cylinder.
- Requires for vertical FFS machine and vacuum packing
- Mostly used in Packing/Food/Plastic/Chemical/Textile and Printing Industries.

### Cloth,Release Fabric and Belts

Selected woven glass fabrics are coated with PTFE resin. It is utilized in Sheet, rolls and as the base material for process conveyor belts.

It is available in thickness from 0.08mm to 1mm Standard width 1000mm.

### Applications

- Plyed belts for sealing of pouches in continuo us band sealer for higher rate of production.
- Process belts, Release belts applicable in different process Industries.



TEFLON is a registered trademark of Du Pont, USA.

## Polyester Tape

Polyester Tape providing a vast range, polyester film is coated using different adhesives (Acrylic/Rubber/Synthetic Thermosetting rubber) with Single or Double sided as per the application. It is offered in different colors and thickness.

### Applications

| General                      | Special  |
|------------------------------|--|
| Insulations (B-Class)        | Switch gear capacitors                                   |
| Transformer windings         | Transformers manufacturing, paper jointing in oil filled |
| Cable jointing, Coil Winding | transformers   |
| Final wrapping of cast resin | Sealing of connections leads for final insulations.      |
| Film and foil capacitors     | It is excellent oil and solvent resistant                |

- **D\S adhesive tape** specially requires for splicing, jointing of wide varieties similar /dissimilar materials such as glass paper, metals etc. it is suitable for high speed splicing



## Double Side Adhesive Tissue Tape

These tapes are made out of non woven tissue paper, coated on both side with different (Acrylic /Hot melt rubber/Solvent base) adhesive and laminated with release plain or printed paper. These tapes are specially designed so that it can stick two surfaces together such that it is not visible in the end product. Tissue Tapes made with wide range of adhesive to get different adhesion level and so makes its application wider.

### Applications

- Foam and felt lamination in automobile and appliances manufacturing.
- Splicing, jointing of films/paper/ oils, lamination and fastening in paper/plastic and printing industries.
- Adhere posters & envelopes.
- In shoe and leather industry.
- Computerized embroidery, mounting nameplates, metal/polycarbonate stickers



## Stereo Mounting Tape (D/S Adhesive Cloth / Foam Tape)

Cotton cloth / Foam is coated on both sides with strong natural rubber pressure sensitive adhesive. These tapes are laminated with siliconised paper or polyester release liner.

### Applications

- Mainly requires for Stereo mounting in flexographic printing Industries.
- Medium heavy double side applications.
- Print plate mounting.
- Carpet installation in house, office or Exhibition halls.





## Floor Marking Tapes ( Lane Marking / Warning Tapes )

Made from vinyl backing with rubber adhesive coating. Available in many distinctive colors

### Applications

- These tapes are widely used for floor marking and safety identification in ISO 9001 and TS 16949 certified organizations.
- It specifies the walking space in production floor and for identifying land for storage segmentation.
- Allows fast and easy application to a variety of surfaces.
- Used for marking hazards and aisles, color-coding, paint masking, decorative trim, splicing, separators and more in big industrial houses.
- Good resistance to chemical and other moving objects.
- Better than paints.



## Nitoflon Adhesive Tape

**NITOFLON No.923S** is a tape made in Japan, using an orange-colored specially oriented polytetrafluoroethylene (PTFE) film as base material. Single surface treated and coated with a silicone adhesive which has a high heat resistance.

### Features

- The non-adhesive side exhibits excellent features of polytetrafluoroethylene (PTFE) such as desirable electrical properties and resistance to heat, weather, chemical, and water (water-shedding), and non-adhesiveness.
- Superior tensile strength.
- Superior flame resistance.
- High temperature resistant up to +230°C.

### Applications

- For Roller wrap in PE/PP laminators.
- For insulation of coils as a class H insulating material.
- Can be laminated with metals, plastics and ceramics as general sliding materials.

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## Duct Tape / Duck Tape

These rugged tapes are designed for your toughest requirements. There are a variety of constructions of these tapes which depends upon cloth or Scrim construction and adhesives.

### Features

- Duct Tapes are strong, flexible and very sticky tapes.
- Some have a long-lasting adhesive and resistance to weathering.

### Applications

- Sealing ventilation ducts.
- Heavy duty packing.
- Jointing and bundling the metal or plastic parts.



## Fiber Glass Tape

These tapes are made up from closely woven of alkyl free glass fibers of different grades coated with different adhesives (rubber, acrylic or silicone base). It is characteristic of excellent heat resistance and insulativity.

### Features

- Temp. Resistant 130-240°C. (B, F, H, S class).
- Tear resistant tapes with excellent abrasion resistance and high mechanical strength.

### Applications

- Suitable for insulation in electric machines and electric appliances.
- Interface insulation holding and general insulations of coils and transformers.
- Good impregnability for traction machines. Cable harnessing at high temperature.
- Slot edge reinforcement.
- Outer wrap and core insulation of ignition coil in two wheeler and three wheelers.



## Kapton / Nomex Tapes

**Kapton** Tapes are made from Kapton polyimide film with silicon adhesive that is compatible with a wide temperature range.

### Features

- It has the sound withstand voltage, high temperature resistance. Solvent resistance.
- Temperature range Maximum as high as 400°C.

### Applications

- The product has mainly been utilized in the gold finger protection during the circuit plate (PCB) over wave crease welding,
- Transformer insulation binding, lithium cell polar ear fixing and other occasions that need heat-resistance.
- Electrical motors, Traction machine manufacturing, Insulation or Bar wound armature.



## Cloth Tape (Waterproof / Non Waterproof)

Cloth is coated with special water proofing compound on outside and PSS adhesive inside.

Available in black and white colors.

### Applications

- Motor winding & shoes industries, coil making, transformers and others.
- Packaging, maintenance and holding jobs.



## Pink Rayon Cloth Tape

This durable and efficient tape is easy to tear and no leaves no residue on the removal. Due to the high tensile strength and optimum adhesive strength, these durable tapes are massively accepted in the industry.

### Applications

- Mostly uses for coil winding, holding wires in motors, core insulation, relay & transformers solenoid coils etc.
- Telephones & telecommunication equipments.



# Industrial Filter Cartridges, Bags and Housings for any liquid filtration process.

## Filter Cartridges

Melt Blown Cartridge



String Wound Cartridge



Pleated Normal / High Efficiency Cartridge



Absolute Rated Cartridge



Washable Net-Mesh Cartridge



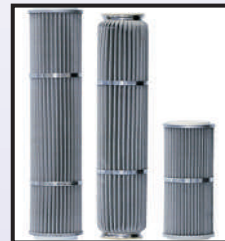
Activated Carbon Block Cartridge



Resin Bonded Cartridge



Sintered Multilayered Cartridge



Powder SS Cartridge



## Filter Bags ( P.P. / Nylon / Polyester Material )

Oil Adsorbing



High Efficiency



Woven and Non-woven



Extended Life Filter Bags



## Housings ( For Filter Cartridge and Bag )

Polypropylene



Antimicrobial



UPVC



Metallic



**APPLICATIONS :** ● These Filter elements and Housings are applicable for filtration of Acids. Alkali. ● Boiler Feed Water. ● Catalyst recovery ● Coolant oil ● Dyes and Solvents ● Electroplating solutions ● Food and Beverages ● High tem. liquids ● High viscous liquids ● Polymer melts ● Paints and Pigments ● Membrane pre-filtration ● Pharmaceuticals ● Printing inks. ● Process water ● Resins and Emulsions ● And so more. .... Virtually any filtration application.





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DIFFERENT TYPES OF FILTER CARTRIDGES, BAGS & HOUSINGS**

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