

# *Adhesive Specialities*

**An ISO 9001:2018 Certified Company**

**Manufacturer of Specialized adhesive tapes and die cuts**

*Tapes for White Good Industry*

**Adhesive Specialities** was a dream incorporated in 2001 by like-minded people to become a preferred manufacturer of Sun Brand Pressure Sensitive Adhesive Tapes with a 100% commitment to quality and reliability.

The journey over the years has helped us excel in offering customized solutions according to industry and customer-specific needs. The company's 60,000 sq.ft. constructed areas are an ISO certified and ROHS compliant facility equipped with three coating lines, auto rewinding & slitting machines which are well-supported with the state-of-the-art testing and R&D laboratory, die-cut making section, inhouse adhesive making facility and a well-trained work force.

**Adhesive Specialities** offers adhesive solutions for all types of appliances designed for both residential and commercial use. Adhesive tapes are used throughout the appliance manufacturing process for permanently bonding or securing appliance components as well as mounting panels and displays, wire harnessing, sound & vibration dampening, venting and temporary surface protection of interior and exterior surfaces during storage and transportation. Appliances include Refrigerators, Freezers, Ovens, Stoves, Dishwasher, Washers and Dryers. Applications as follows:

- Adhering coils
- Aluminum shielding
- Bonding door components
- Cable harnessing and securing
- Evaporator mounting
- Gap covering
- Hole covering
- Mounting displays and emblems
- Mounting panels and handles
- Noise Vibration Harnessing Tapes
- Reinforcing before foaming
- Securing doors, shelves and racks during transport
- Securing small parts
- Surface protection
- Transport packaging
- Venting

# Blue Holding Tape

## ❖ Applications and features:

- ❖ Comes with rubber adhesive & has high holding power.
- ❖ Suitable for masking application at 150 °C.
- ❖ Residue Free.
- ❖ Suitable for temporary closing, holding & securing various components in white good appliances.



# Masking Tape General Purpose and High Temperature



## Applications and features:

- ❖ Adhesive Specialities offers a wide range of choice in crepe paper masking tapes.
- ❖ Temperature range 60 C to 180 C celc
- ❖ General purpose
- ❖ Industrial applications.
- ❖ Automotive industry.
- ❖ Chemical resistant & high temperature masking solutions.
- ❖ Masking for indoor painting.
- ❖ Masking in furniture industry.

# Aluminum Foil Tape

Adhesive Specialities provides wide range of Aluminum Foil Tapes with various adhesives like hotmelt, solvent, silicone & acrylic emulsion.



## Applications and features:

- ❖ High & low temperature resistance.
- ❖ Used for general purpose holding, patching, sealing application – indoor & outdoor.
- ❖ Suitable for joining of foil faced fiberglass or duct board joints.
- ❖ Ideal for joining & sealing in HVAC application.
- ❖ Closing of rigid air duct insulation & shafts.
- ❖ EMI/RFI shielding for motors, cables, cabinets, antennae & components (splatter masking).
- ❖ Available in 30 mic, 50 mic, 100 mic & 150 mic thicknesses.
- ❖ With and without liner

# Aluminium Fibreglass Tape (Aluglass)

## Applications and features:

- ❖ Aluminum & Fiberglass cloth backing gives excellent reflective properties for both heat & light
- ❖ High tensile strength.
- ❖ Ideal vapour barrier due to low moisture vapour transmission rate.
- ❖ Suitable for duct sealing & joining of HVAC (Heat, Ventilation & AC) systems.
- ❖ Used in duct board joint & seams; joining & sealing industrial pipes & duct insulation.
- ❖ Excellent for roofing applications like flashing, joints & insulation.



# Cross Filament Tape



## Applications and features:

- ❖ Reinforced Polyester Film with pressure sensitive adhesive has very high tensile strength.
- ❖ Structuring of umbilical cord for marine probe
- ❖ Bending of tubes and bars
- ❖ Insulation of oil transformers
- ❖ For Holding of white goods
- ❖ General applications where tensile strength and good adhesion are required.
- ❖ Reinforcement and closing of cables
- ❖ Heavy duty packaging, strapping
- ❖ Closing of metal coils

# Monofilament Tape

## Features and Applications:

- ❖ The reinforced fiberglass yarn provides the filament tapes high tensile strength
- ❖ The PET film backing provides excellent moisture resistance.
  - ❖ Palletizing of packaging
- ❖ Bending of tubes and bars
  - ❖ Heavy packaging
- ❖ Closing of metal coils
- ❖ Paint anchor test
- ❖ Reinforcement and closing of cables
- ❖ General applications where tensile strength and adhesion are required.
- ❖ Structuring of umbilical cord for marine probe





# Duct Tape

Cloth Duct Tape is manufactured with polyethylene film over cloth scrim and is coated with rubber and HOTMELT adhesives, it is also known as gaffers' tape.



## Application and features:

- ❖ Strong adhesion and easy tear properties.
- ❖ The polyethylene coated cloth scrim is moisture resistant to ensure prolong tape bonding with surface.
- ❖ Gives good holding power
- ❖ Used in patching, reinforcing, bundling, sealing, splicing, ducting, packaging and high temperature applications
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- ❖ Available in silver, black and any other colour on special request

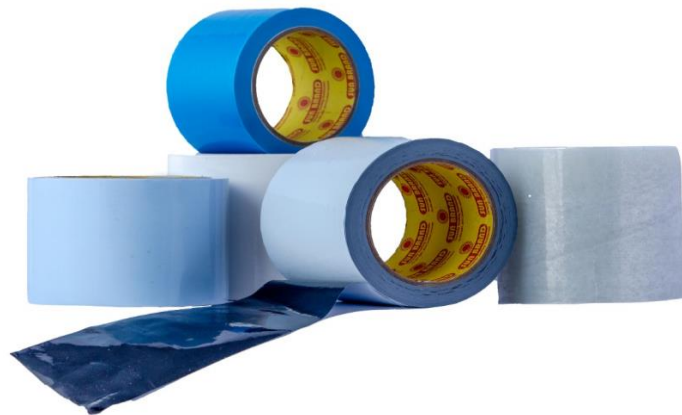
# Die Cuts

## Applications:

- ❖ EMI Shielding
- ❖ Flex Connectors
- ❖ Thermal Management
- ❖ Foil tapes
- ❖ Masking Discs
- ❖ Solar panel Tapes
- ❖ Electroplating, anodizing
- ❖ Polyimide die cuts
- ❖ Sand blast masking
- ❖ Masking during paint applications
- ❖ Antistatic masking
- ❖ Die cut frames
- ❖ Speciality shapes
- ❖ Polyester die cuts
- ❖ Vin Plate masking
- ❖ Insulated pre forms
- ❖ Powder coat masking
- ❖ Foam die cuts
- ❖ Copper pre forms

# Surface Protection Tape

Adhesive Specialities offers a wide range of surface protection tapes in order to protect surfaces from scratches, damages, dust and dirt. We can make SPT in a wide variety of adhesives like Solvent acrylic, Rubber based and Acrylic Emulsion.



## Applications and features:

- ❖ Suitable for many types of the surface (Metal, glass, plastic, Optic lenses, decorative laminate, stone, carpet, coated surface like auto parts etc.)
- ❖ Works on different texture of the surface (Smooth / Glossy, Matte / Embossed).
- ❖ Range of backing material (LLDPE, PET,PVC, PE).
- ❖ External factors which might affect the surface protection tapes (UV, sunlight exposure, extreme temperatures, chemical exposure).
- ❖ Duration for which protection is required.
- ❖ Reason for protection of surface (abrasion, smudging, scratches).
- ❖ Residue free.
- ❖ . Water Resistant.
- ❖ Printing can be done as per request

# NBR Foam Tape



## Applications and features:

- ❖ A Black, single sided elastomeric closed cell tape.
- ❖ Designed to efficiently insulate sheet metal panels & pipes in commercial & industrial applications.
- ❖ It acts as a seal gasket between sheet metal swell as cushion against vibration & shock, deaden sound, and is easily compressed & conformed.

Reduces vibration & blocks noise.

Indoor Air / Airstream friendly Insulation-Fiber free, formaldehyde-free.

- ❖ Used as HVAC Equipment Panels, fiber free insulation alternative, metal to metal seals/ gaskets/ gap filler and wrapping chilled water lines.
- ❖ Sealing electrical enclosures and switch cabinet
- ❖ Sealing exterior and interior lighting, Sealing industrial access doors and hatches

# PE Foam Tape

We provide the best range of Single sided coated and double side coated PE Foam Tapes with Hotmelt and Acrylic adhesives. Different available



## Applications and Features:

- ❖ Ideal for indoor use
- ❖ Using a high-performance adhesive an economical solution to seal doors
- ❖ Conformable foam backing to compensate design tolerances or uneven surfaces
- ❖ Used in printing, hook manufacturing and skirting applications
- ❖ Does not emit toxic fumes when burnt
- ❖ Flame retardant
- ❖ Available in a variety of widths and thicknesses and one side or double sided coated.
- ❖ Permanent mounting of emblems and letters; e.g. single letters for classification of car model or engine data.
- ❖ Paper and Pe liners

# Wire Harness Tape

## Application and features:

- ❖ Wire Harness Tape is electrical self-extinguishing soft PVC tape that uses an aggressive pressure sensitive rubber-based adhesive system.
- ❖ It has been designed for use where a recognised specification or international standard is required and where environmental safety is a concern.
- ❖ Good resistance to abrasion, corrosion and moisture.
- ❖ High dielectric strength and good mechanical protection.
- ❖ Outstanding conformability.
- ❖ Flame retardant.
- ❖ Tape can be applied at low temperature (till  $-10^{\circ}\text{C}$ ).
- ❖ Hand application.
- ❖ Primary electrical insulation.
- ❖ Harnessing applications for the Automotive Industries.
- ❖ Protection for low and medium voltage cable splices



# Sticky Mat

## Applications and features:

- ❖ Sticky Mat is dust, dirt absorbing pad to use at the clean room's entrance, walkways etc.
- ❖ Peel-off sheets eliminate the need for messy cleaning and makes it easy to maintain a clean surface.
- ❖ Traps dirt off the feet.
- ❖ To be placed at areas like automotive, aerospace, hospitals, biotech, pharmaceutical, construction, photography, warehouses, server rooms, semiconductor etc.



# Lane Marking Tape

Lane Marking Tape known as Hazard Tapes, Floor Marking Tape, social distancing tape is with excellent adhesion, tack and good cohesion strength.



## Applications and features:

- ❖ Faster & easier to install & replace
- ❖ Used for marking hazards and aisles
- ❖ Applicable to ground, walkway and pipeline winding markings.
- ❖ Suitable for Color-coding
- ❖ Excellent adhesion, tack and good cohesion strength.
- ❖ Available colours are: Yellow & Black, Black& White, Green& White, Black, Orange, Red, Green, Yellow, White, Blue