



Celebrating

20th
Anniversary



SUN BRAND

Securely *Sealing* Sentiments

An ISO 9001:2015 Certified Company

AS *Adhesive Specialities*

Manufacturers of Speciality Adhesive Tapes

Tapes for Paint and Coating Industry

we specialize in customized developments



Application and Features

Cross Hatch Tester Tape

- ASTM D3359 Compliant
- Used for paint adhesion testing

How to complete an adhesion test

1. Place the cutting edge on the cross hatch adhesion tester on the desired surface.
2. Press down gently onto the area, pulling the adhesion tester towards you in one fluid movement to make a series of steady, parallel cuts along the area approximately 20cm long.
3. Place the cross hatch adhesion tester at a 90 degree angle to the first cut and repeat step 2, creating a lattice pattern onto the surface coating.
4. Brush the area lightly along the lattice to get rid of any loose debris. Inspect area to see if the cuts have penetrated through the coating.
5. Remove and discard 2 complete turns of the adhesive tape.
6. Remove an additional length of tape approximately 75mm from this length.
7. Place this cut piece of tape in the centre of the lattice, remembering to smooth it down with your finger and rubbing firmly with your nail to create a good adhesion application between the tape and coating.
8. Within 5 minutes of applying the tape, pull it off with one smooth movement at approximately 1 second at a 60 degree angle to the surface.
9. With tape, apply to a transparent film to maintain a permanent record.
10. Assess the coating adhesion by viewing the lattice cuts in good lighting and compare these cuts to the ISO/JIS standards table.



Masking Tape

- Adhesive Specialities offers a wide range of choice in crepe paper Masking Tapes
- Temperature range 60°C to 180°C
- General purpose uses
- Automotive and industrial application
- Chemical resistant and high temperature masking solutions
- Masking for indoor painting and furniture industry



Polyester Tape-Powder Coating Tape

- High grade Silicone adhesive
- Moisture resistant
- Chemicals and solvents resistant
- Abrasion resistant
- Good shear strength
- Outstanding dielectric strength
- Clean removal without residue
- High tack
- Excellent ageing and weathering properties
- Used as high Temperature Masking during powder coating applications, PCB manufacturing, chemical etching
- Aerospace field for flash breaker
- Splicing of silicone coated paper
- Available color and thickness:
 - Green - 1mil and 2mil
 - Blue - 1mil and 2mil
 - Red - 1mil and 2mil



Introduction

Adhesive Specialities was a dream incorporated in 2001 to become a preferred manufacturer of Sun Brand Pressure Sensitive Adhesive Tapes with a 100% commitment to quality and reliability. Now after 20 years, we are equipped with a state-of-the-art testing lab, an in-house R&D facility and a well-trained workforce, our ISO 9001:2015 company manufactures more than 200 types of Pressure Sensitive Adhesive Tapes. Our factories are located in Bangalore, Vadodara and Indore.

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, in-house adhesive making facility and a well-trained work force.

Adhesive Specialities offers an extensive range of tapes in different materials – cloth, film and paper, all of which offer ease of use and clean removal, to address the many uses of masking tapes.

- General purpose masking
- Wet painting
- Stenciling
- Stoving
- Spray painting
- Sandblasting
- High temperature masking applications
- Powder coating
- Electroplating
- Anodizing applications

Application and Features



Coloured Masking Tape

- The tape is coated with solvent acrylic adhesive
- For interior and exterior masking of multiple surfaces, such as painted walls, glass, vinyl, metal and wood, when easy, no-residue removal is a must
- It is also known as painter's masking tape
- Residue free even on glossy surfaces
- Standard colours available: Green and Blue

Masking Liquid



- Sun Brand Liquid Masking line offers peel-able coating that provides temporary protection or long-term preservation of floor, walls and ceilings in paint booths
- Apply liquid by spraying, paint roller or brush and leave it to dry
- Can be simply peeled off when not required without any damage to substrate surface
- Liquid Masking is available in different variants namely:
 - High Temperature Liquid Masking
 - Boot Coat Liquid Masking



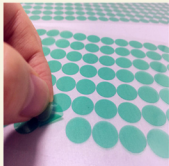
Masking Crepe Paper

- Masking Paper is saturated crepe paper
- Used in manufacturing of masking and easy masking tapes
- Available in various colours and thickness as per customer's specifications



Fine Line Masking Tape

- Adhesive & backing material works together to reduce paint seepage to a minimum
- The conformable backing is designed for uniform stretching so as to create better paint lines
- Smooth trimmed edges creates a continuous paint line
- Can be used successfully with most solvent or water-based paints
- Excellent choice for automotive dual tone paint spraying
- Available in blue, green & white colours



Die Cuts

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

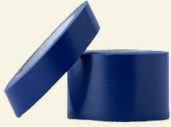


Sand Blasting Stencils

- Excellent for hand-cut and die-cut operations
- Excellent sand blast resistance - withstands heavy blasting to create crisper, deeper images
- Versatile adhesive is excellent for a variety of surfaces, yet it is still easy to remove
- Used in a variety of application methods including hand-cut, die-cut, flatbed and friction fed

Application and Features

PVC Electroplating Tape



- Sun Brand Electroplating Tape is a vinyl backed tape with a rubber adhesive
- Excellent resistance to most chemicals used in typical electroplating operations
- Abrasion, moisture and wear resistant to withstand rugged working conditions
- Non-corrosive, flexible vinyl backing is conformable to adapt to irregular surfaces
- Ideal for use with plating chemicals, electroplating nickel, electroless nickel, milling and etching in titanium and peening operations
- Designed for use with PCB terminal zone contacts during plating; as a protection tape for shot peening
- Durable and highly resistant to oil, acid, alkaline and corrosive chemicals

Easy Masking Tape



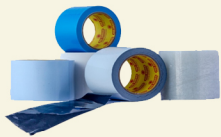
- Easy Masking Tape is made with various substrates as per customer specification and is laminated with masking tape on top or on top and bottom
- The plastic lip also makes it easier to insert, thereby saving time with masking tasks
- Best for auto body painting
- Quicker to apply than conventional products
- High quality masking film covers and protect surfaces from paint, dust and oil spray
- Used for waterproofing, shading and shielding etc
- Now can mask your windows, walls, furniture, appliances, almirah and car etc.

Washi Tape-Tissue Masking Tape



- Washi Tape is a high-quality masking tape made from a special soft paper
- Provides best fine line in paper masking tapes
- Used for any masking application up to 130°C
- Hand tearable
- Residue free
- Provisional fixation and packaging
- Masking of vehicle, car, building, etc

Surface Protection Tape



- 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)
- Manages duration for which the protection is required
- Reason for protection of surface (abrasion, smudging, scratches)
- Residue free
- Water Resistant
- Printing can be done as per request

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.

Rayon Tape



- Does not contain heavy metals and halogens
- Self-extinguishing
- Wrapping of automotive electrical wiring harnesses
- Used in core insulation in relay transformer solenoid coils
- General insulation
- Coil winding and holding wires in light motors
- Easy for hand applications since the tape can be torn with hand

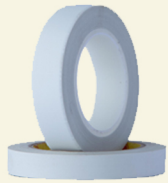
Application and Features

Cotton Cloth Tape



- Suitable for protection and masking during sandblasting
- Cable bundling
- Textile screen printing
- High temperature masking properties
- Double glazing edges protection
- Edging of pieces in leatherwork
- Excellent waterproof properties
- Ideal for book binding
- Flexible and highly conformable
- Available in Black and White colours

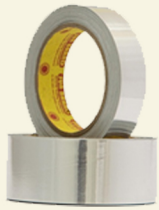
Glass Cloth Tape



- Provides F or H class insulation
- High temperature resistant ranging from 150°C to 400°C
- High adhesion and abrasion resistant
- Flame retardant property
- High mechanical strength
- Permanent sealing of high temperature ducts and chambers

Glass Cloth backing is coated with high grade adhesives like acrylic, thermosetting rubber and silicone adhesives.

Aluminium Foil Tape



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

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

Polyimide Tape



- Wide temperature range as low as -40°C and as high as 400°C
- Excellent dielectric strength
- Remove cleanly leaving no residue
- Very high temperature mask during powder coating, anodizing, etching applications
- Ideal for wave soldering
- Used in automobile industry for wrapping switches, diaphragms, manifolds, sensors and coils in seat heaters
- Used to mask circuit board
- Circuit board construction
- In aerospace industry for insulation of aircraft and spacecraft wings
- Electrical applications where static is an issue
- Fiber Optics Cable
- Semiconductor manufacturing
- 3D printing
- Available with silicone and acrylic adhesives
- Thickness: 1mil and 2mil film
- Available in die cut and roll forms

Application and Features

Testex Tape

- Testex Tape is used for measuring blasted surface profiles and is known in the industry as press-o-film or replica tape
- By placing the tape on the surface and rubbing over it, the Rt (total roughness) or peak-to-valley height of the profile can be taken and then measured with a film thickness meter.
- Consists of a layer of compressible foam affixed to an incompressible polyester substrate.
- When pressed against a roughened/grit blasted (steel) surface, the foam collapses acquiring an impression of the surface.
- One box of Testex contains tape for 50 measurements.

Duct Tape

- 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
- Available in silver, black and any other colour on special request

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.

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