



Adhesive Specialities

An ISO 9001:2018 Certified Company

Manufacturer of Specialized adhesive tapes and die cuts

Tapes for LED 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 supplies die-cut and converted flexible parts into the LED market. Common applications within LED assemblies include light diffusers and reflectors, vents, sealing gaskets, thermal interface solutions and permanent and temporary bonding. Applications as follows:

- ❖ Thermal Management
- ❖ Adhesion / Structural Attachment
- ❖ Sealing
- ❖ Venting / Pressure Equilization
- ❖ Light Reflection & Diffusion
- ❖ Gaskets
- ❖ Insulating
- ❖ Barrier – heat, light, dust
- ❖ Cushioning, Damping

Contact us for a material sample, quote or a fast prototype.

Double Sided PVC Tape

❖ Applications and features:

- ❖ Excellent thermal conductive efficiency by providing a preferential heat-transfer path between heat-generating components & heat sink or other similar cooling devices.
- ❖ Ideal in assembly line of LED light bar module & metal frame bezel & heat sink.
- ❖ Used to hold components on circuit boards.
- ❖ Can be used as low cost alternative for LED lights.
- ❖ Can be supplied as die-cuts also for ease in application.



D/s Glass Cloth Tape

Application and features:

- ❖ Excellent thermal conductive efficiency by providing a preferential heat-transfer path between heat-generating components & heat sink or other similar cooling devices.
- ❖ Withstands grit blasting & plasma spray.
- ❖ Ideal for assembly of LED light bar module and metal frame bezel & heat sink.
- ❖ Shows good performance on strip lights & panel lights.
- ❖ Used to hold components on circuit boards.
- ❖ Suitable for inner wrap of coils and transformers.
- ❖ Can be used as die-cuts for ease of application.



Transfer Tape 100mic

Our 100mic transfer tape is also known as Thermally conductive tapes are designed to provide preferential heat-transfer between heat-generating electronic components and cooling devices such as fans, heat sinks or heat spreaders.

Application and features:

- ❖ Used LED and it is ideal for conducting heat from metals and plastics of heat radiation units
- ❖ Good thermal transfer
- ❖ High mechanical strength
- ❖ Improved surface wet-out for rough surface/LSE substrates
- ❖ Excellent shock performance
- ❖ Ideal for thin bonding applications



Double Sided Polyester Tape

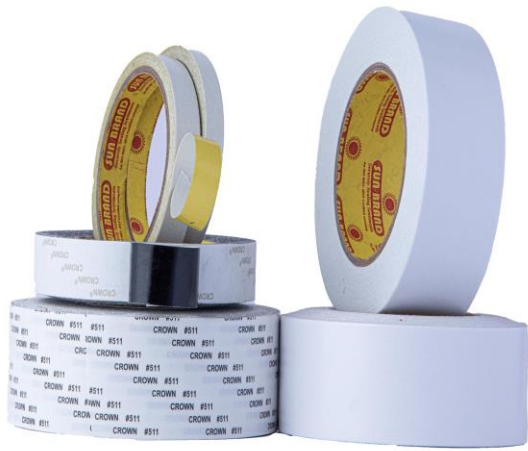


Features and applications:

- ❖ Low and High Temperature Resistant
- ❖ Ageing Resistant
- ❖ UV Resistant
- ❖ Laminating wood to fire doors during manufacture
- ❖ Assembly and fixing of point of sale material
- ❖ Core starting and splicing in manufacturing processes
- ❖ Suitable for a variety of splicing applications
- ❖ Securing soundproofing to sheet aluminum
- ❖ Used in signage industry for fixing banners
- ❖ Available 125, 160 and 205mic thicknesses

Double sided Tissue Tape

Double Sided Tissue Tape line is lightweight tissues coated with HOTMELT and Acrylic adhesives.



Applications and features:

- ❖ General purpose applications
- ❖ The high temperature tissue tapes have anti-rebounding and anti-wrapping quality specially designed to be used in television set, earphone, loud speaker net, sound box, gift packing with smooth surfaces and led sticking application.
- ❖ Ideal for nameplate bonding, plastic film lamination/bonding, foam bonding
- ❖ Splicing
- ❖ Recommended for mounting light objects
- ❖ For securing backing and fabric in for embroidery
- ❖ Used in shoe, leather, paper, white goods industry in postal & carpet fixing jobs.
- ❖ High tack allowing for multiple usages.
- ❖ Available in 60, 80, 100 and 120mic

Acrylic Foam Tape

Features and applications:

- ❖ Bonding of similar and dissimilar surfaces
- ❖ Suitable for indoor and outdoor applications
- ❖ Alternative to screws, reverts, nails or any liquid adhesive
- ❖ Designed for high and low surface energy bonding
- ❖ Mounting heat sink, fan or heat spreader to IC packages & components.
- ❖ Special Primer is available for better bonding
- ❖ Available color and thickness: Clear -0.5mm and 1.0m
Gray-0.8mm, 1.2mm, 1.5mm and 2mm
Black-0,4mm



Eva Foam Tape



Application and features:

- ❖ Suitable for temporary mounting and bonding purpose
- ❖ EVA emulsions are developed into adhesives which are then used in bookbinding, packaging, bonding metal surfaces, and plastic firms.
- ❖ In sport shoes to absorb impact shock.
- ❖ Used in white good industry
- ❖ Available in 1.0 and 2.0mm thicknesses
- ❖ Available in roll and die cuts

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

Masking Tape General Purpose and High Temperature



Applications and features:

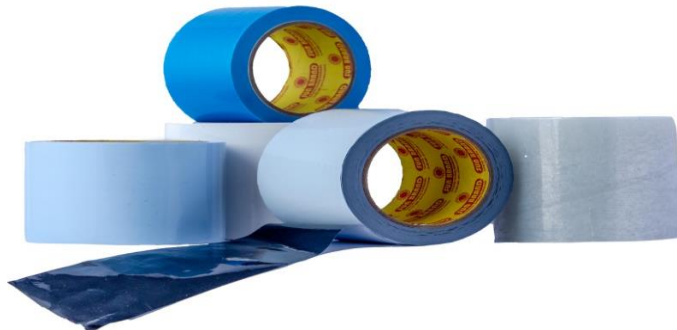
- ❖ Adhesive Specialities offers a wide range of choice in crepe paper masking tapes.
- ❖ Temperature range 60 C to 180 C celc
- ❖ General purpose
- ❖ Industrial applications.
- ❖ Automotive industry.
- ❖ Chemical resistant & high temperature masking solutions.
- ❖ Masking for indoor painting.
- ❖ Masking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

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:

- ❖ Dashboard Applications
- ❖ Auto bodyguard
- ❖ Carpet Applications



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

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