



Product Data Sheet

ASMACO ECO GRADE DOUBLE SIDE TISSUE TAPE

Reliable Double-Sided Bonding for General Mounting and Assembly Applications

Description: ASMACO ECO GRADE DOUBLE SIDE TISSUE TAPE is an economical, pressure-sensitive double-sided adhesive tape comprising a lightweight tissue paper carrier coated on both sides with a high-tack acrylic adhesive and protected by an easy-release liner. It is designed to provide clean, reliable, and instant bonding between a wide variety of lightweight materials while maintaining good dimensional stability and ease of handling. The conformable tissue carrier allows excellent surface contact on smooth and slightly irregular substrates, enabling neat and discreet bonding without visible fasteners. The tape offers consistent unwinding, easy die-cutting and converting, and dependable indoor bonding performance, making it suitable for general-purpose assembly and mounting requirements. It is intended for applications where a cost-effective, clean, and efficient double-sided bonding solution is required under normal service conditions.



KEY PERFORMANCE PROPERTIES

- Double-sided acrylic adhesive for clean and reliable bonding
- High initial tack for instant adhesion to a wide range of lightweight materials
- Conformable tissue carrier provides excellent surface contact
- Good peel adhesion and holding power under normal indoor service conditions
- Thin profile for neat, discreet, and virtually invisible bonding
- Easy-release liner for quick, clean, and efficient application
- Excellent flexibility for bonding on smooth and slightly irregular surfaces
- Smooth unwinding with easy handling and positioning
- Suitable for die-cutting, laminating, and converting processes
- Good dimensional stability during application
- Clean application without mechanical fasteners or visible fixing points
- Cost-effective solution for general-purpose indoor bonding applications
- Compatible with manual and automated converting operations
- Available in various widths and roll lengths to suit different application requirements

AREAS OF APPLICATION

- Mounting of lightweight signs, nameplates, labels, and decorative trims
- Bonding of paper, cardboard, plastics, foam, felt, fabric, and similar lightweight materials
- General-purpose laminating and splicing applications
- Fixing posters, photographs, display materials, and promotional graphics

- Attachment of point-of-sale (POS) displays and exhibition materials
- Mounting of lightweight profiles, badges, and decorative components
- Bonding for arts, crafts, stationery, and hobby applications
- Assembly of packaging materials and paper products
- Temporary or permanent indoor fixing where mechanical fasteners are not required
- General assembly and mounting applications in offices, retail outlets, workshops, and light industrial environments
- Suitable for die-cut components, label manufacturing, and converting applications
- Ideal for clean, concealed bonding on smooth and properly prepared indoor surfaces

METHOD OF APPLICATION

Surface Preparation

Ensure all bonding surfaces are clean, dry, and free from dust, dirt, oil, grease, wax, moisture, loose particles, or any other contaminants that may adversely affect adhesion. For optimum bonding performance, substrates should be smooth, sound, and at ambient application temperature.

Tape Application

Measure and cut the required length of tape. Apply the tape firmly to one substrate using uniform hand pressure or a suitable roller to ensure complete adhesive contact. Avoid stretching the tape during application, as excessive tension may reduce bonding performance.

Liner Removal

Carefully peel off the release liner without touching the exposed adhesive surface. Align the second substrate accurately before making contact, as repositioning may reduce adhesion.

Bonding

Place the second substrate onto the exposed adhesive and apply firm, even pressure across the entire bonded area using a hand roller or suitable pressing tool. Sufficient application pressure is essential to achieve maximum surface contact and optimum adhesive performance.

Curing and Handling

The tape provides immediate initial tack after application.



Product Data Sheet

Adhesion strength increases progressively as the adhesive wets the substrate surface. Where possible, avoid subjecting the bonded assembly to excessive loads, movement, or stress immediately after application to allow optimum bond development.

Storage Recommendation

Store the tape in its original packaging in a cool, dry, and well-ventilated area, protected from direct sunlight, excessive heat, moisture, and dust. For best performance, apply the tape at an ambient temperature of **10°C to 40°C** and use stock on a **First-In, First-Out (FIFO)** basis.

HEALTH & SAFETY

- Avoid Skin Contact with Adhesive.
- Use in Well-Ventilated Areas.
- Keep Away from Heat and Flames.
- Do Not Ingest.
- Adhesive Removal.
- Keep Out of Reach of Children and Pets.

AVAILABLE SIZE & PACKAGING

Width (mm)	Standard Roll Length Y / M	PACKAGING
48	20 Yard (18.25 meter)	24 Roll / Carton
48	25 Yard (22.85 meter)	24 Roll / Carton
48	30 Yard (27.40 meter)	24 Roll / Carton
72	20 Yard (18.25 meter)	16 Roll / Carton
72	25 Yard (22.85 meter)	16 Roll / Carton
72	30 Yard (27.40 meter)	16 Roll / Carton

Special Sizes: Width × Length – available subject to Minimum Order Quantity (MOQ)

CLEAN UP

Any adhesive residue from **ASMACO ECO GRADE DOUBLE SIDE TISSUE TAPE** can be removed by **ASMACO STICKER & LABEL REMOVER** spray.

STORAGE & SHELF LIFE

ASMACO ECO GRADE DOUBLE SIDE TISSUE TAPE has a shelf life of 12 months from production date when stored in its original packaging at temperatures between 5°C and 25°C.

TECHNICAL PROPERTIES

DESCRIPTION	UNIT	STANDARDS
Color	Frosty Clear	—
Tack Rolling Ball	15 cm	PSTC-6 / ASTM D 3121
Total Thickness	≥ 80 μm, ±2 μm	PSTC-133 / ASTM D 3652
Adhesion to Linear	0.5 N / 25 mm	—
Total Weight	91 ± 3 g/m ²	—
Steel Adhesion	12 N/25mm	PSTC-101 / ASTM D 3330
Application Temperature	10°C to 40°C	—
Temperature Resistance	+80°C	—
Initial Tack	>80mm	PSTC 6

CERTIFICATIONS





Product Data Sheet

Regional Compliance Notice

Please note that regulatory requirements may vary from one region to another. As a result, product information and recommended applications may differ between countries. For accurate and up-to-date details on product specifications and approved uses, and for any technical guidance, please contact ANCHOR ALLIED FACTORY L.L.C. SHARJAH, UAE Technical Department.

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