



Product Data Sheet

ASMACO TEMPERATURE GRADE BROWN MASKING TAPE

Premium High Temperature Brown Masking Tape for Professional Auto Paint Masking

Description: ASMACO TEMPERATURE GRADE BROWN MASKING TAPE is a premium-quality crepe paper masking tape coated with a specially formulated pressure-sensitive adhesive, designed to deliver reliable adhesion and clean removal in elevated temperature applications. It provides excellent conformability to curves and irregular surfaces, ensuring sharp paint lines and precise masking with minimal paint bleed. The tape offers consistent holding power while resisting heat, moisture, and common paint solvents, and removes cleanly without leaving adhesive residue or damaging most properly prepared surfaces. Its brown colour-coded backing allows easy identification of masking zones or process stages, making it an ideal choice for professional painting, coating, and finishing operations where accuracy, efficiency, and dependable performance are essential.



KEY PERFORMANCE PROPERTIES

- High temperature resistance for demanding masking applications.
- Excellent adhesion to metal, glass, plastic, painted, and other smooth surfaces.
- Clean removal without leaving adhesive residue under recommended conditions.
- Delivers sharp, clean paint lines with minimal paint bleed.
- Excellent conformability to curves, corners, and irregular surfaces.
- Strong holding power throughout painting, baking, and curing processes.
- Resistant to heat, moisture, and common paint solvents.
- Easy hand tear for quick and convenient application.
- Smooth and controlled unwind for efficient handling.
- Brown colour-coded backing for easy identification of masking applications.
- Good tensile strength to resist tearing during application and removal.
- Minimizes lifting and edge curling during use.
- Compatible with most conventional paints, primers, and coatings.
- Suitable for short-term indoor and outdoor masking applications.
- Provides consistent performance and reliable masking results in professional and industrial environments.

AREAS OF APPLICATION

- Automotive refinishing and spray painting
- Powder coating and low-temperature baking processes
- Industrial painting and protective coating applications
- General-purpose paint masking
- Decorative painting and color separation
- Furniture manufacturing and wood finishing
- Metal fabrication and surface finishing
- Marine coating and maintenance work
- Aerospace component masking (non-critical applications)
- Plastic and composite part painting
- Glass masking during painting and coating
- Appliance and equipment manufacturing
- DIY home renovation and decorating projects
- Signage, graphics, and stencil masking
- Repair, maintenance, and refurbishment applications

METHOD OF APPLICATION

Surface Preparation

Ensure all surfaces are clean, dry, and free from dust, grease, oil, moisture, wax, loose particles, or any contaminants that may affect adhesion. The substrate should be sound and at ambient temperature before tape application.

Tape Application

Apply the tape firmly onto the prepared surface using uniform hand pressure or a suitable roller to ensure full contact and secure edge sealing. Avoid stretching the tape during application to maintain dimensional stability and prevent edge lifting.

Tearing or Cutting

The tape can be torn easily by hand for quick application or cut with scissors or a sharp utility knife when precise lengths or clean edges are required.

Adhesion Time

For optimum performance, press the tape firmly after application and allow adequate contact time before painting or coating. Remove the tape slowly at a 45° angle after the coating has reached the recommended stage of drying or curing to achieve clean, sharp paint lines.

Storage & Handling

Store the tape in its original packaging in a cool, dry, and well-ventilated area, away from direct sunlight, excessive heat, humidity, and sources of ignition. Recommended storage temperature is **10°C to 30°C**. Keep rolls clean and protected from dust, and use on a first-in, first-out (FIFO) basis for best performance.



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STORAGE & SHELF LIFE

ASMACO TEMPERATURE GRADE BROWN MASKING 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.

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
96	20 Yard, (18.25 meter)	12 Roll / Carton
96	25 Yard, (22.85 meter)	12 Roll / Carton
96	30 Yard, (27.40 meter)	12 Roll / Carton

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

CLEAN UP

Any adhesive residue from **ASMACO TEMPERATURE GRADE BROWN MASKING TAPE** adhesive can be removed by **ASMACO STICKER & LABEL REMOVER** spray.

TECHNICAL PROPERTIES

DESCRIPTION	UNIT	STANDARDS
Color	Brown	—
Backing	Crepe Paper	—
Total Thickness	$\geq 150 \mu\text{m}$, $\pm 2 \mu\text{m}$	—
Adhesive	Cured Natural Rubber	—
Total Weight	$91 \pm 3 \text{ g/m}^2$	—
Steel Adhesion	0.80 Kg/in	ASTM D 3330
Elongation at Break	9 % $\pm 3\%$	ASTM D 3759
Tensile Strength	9.9 Kg / in	ASTM D 3759
Application Temperature	80°C	—
Temperature Resistance	+95°C	—
Initial Tack	>80mm	PSTC 6

CERTIFICATIONS





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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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