



Polyurethane Protective Tape Painting Instructions

Technical Bulletin

February 2011

3M™ Polyurethane Protective Tapes and Boots may be painted after application to achieve special color effects or to color match application surfaces.

Prior to painting, the 3M Tapes and Boots must be properly applied to a clean, smooth surface.

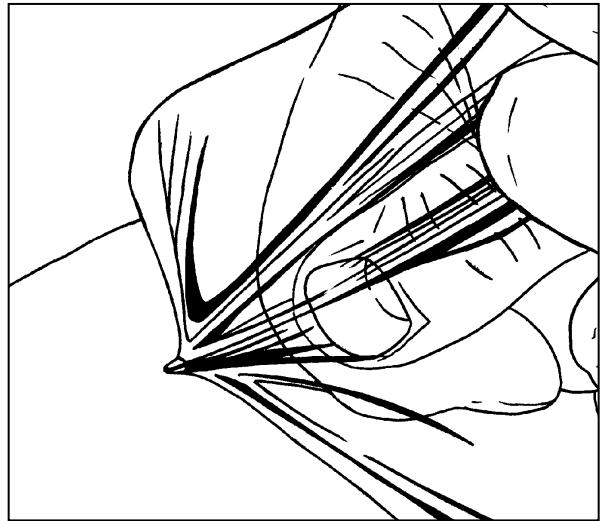
A. Painting Methods

Standard spray painting methods are recommended.

B. Preparation of the 3M Tape or Boot Surface for Painting

Light scuffing and/or solvent wiping the film surface prior to painting is recommended. The following procedures should be followed.

1. Scuff the 3M Tape or Boot surface with 3M™ Scotch-Brite™ General Purpose Pad 7447.
2. Saturate a clean cotton rag with acetone or isopropyl alcohol* and lightly wipe the 3M Tape surface.
3. Wipe surface dry with a lint-free cloth before the solvent evaporates from the surface.



C. Painting the Applied 3M Tape or Boot

Most high quality outdoor grade enamels, lacquers and polyurethane paints can be used.

1. When using single-part paint systems, you may paint directly over the applied 3M Tape or Boot without using the recommended primer system. Thin coatings are best for maximum resiliency-acrylic enamels, for example.
2. When using two-part paint systems, such as Military Spec two-part urethane paints, it is critical that the surface of the 3M Tape or Boot be primed with a polyamide cured, two-part epoxy primer such as those meeting Mil-P-23377.

D. Drying

The painted tape or boot may be air dried at room temperature or force cured. Force curing such as oven drying at temperatures above 150°F (66°C) is not recommended.

***Note:** When using solvents and other chemical products, extinguish all ignition sources, including pilot lights, and follow the manufacturer's precautions and directions for use. Consult local air quality regulations that may regulate or prohibit the use of surface preparation and cleaning materials based on solvent (VOC) content.

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Safety and Regulatory

- 3M™ Polyurethane Protective Tape is **100%** solids and contains no hazardous air pollutants (HAPs), volatile organic components (VOCs). Respiratory protection is not required under normal use conditions.
- Polyurethane Protective Tape meets US Federal and California regulations for landfillable materials. The product is potentially recyclable.
- Packaging materials meet US Federal and California regulations for landfillable materials and are recyclable or reusable.
- This product is considered to be an article that does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

Precautionary Information

Refer to Product Label and Material Safety Data Sheet for health and safety information before using this product. For additional health and safety information, please visit www.3M.com/msds or call 1-800-364-3577 or (651) 737-6501.

For Additional Information

In the U.S., call toll free 1-800-235-2376, or fax 1-800-435-3082 or 651-737-2171. For U.S. Military, call 1-866-556-5714. If you are outside of the U.S., please contact your nearest 3M office or one of the following branches:

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Technical Information

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Aerospace and Aircraft Maintenance Department

3M Center, Building 223-1N-14
St. Paul, MN 55144-1000
1-800-235-2376
www.3M.com/aerospace

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