

# Avery Dennison Instructional Bulletin 2.04

## Application of Avery 1200 Banner Films to PVC Banner Material

### Introduction

This bulletin gives specific instructions for application, storage and shipment of Avery 1200 Banner Film. Avery 1200 Banner Films are high performance computer cut films designed for application to flexible PVC banner substrates. The adhesive used on this film is not only designed to deal with the flexible and difficult nature of banners but also to be removed after use.

### Cleaning and Preparation of Banner Material

All surfaces must be considered contaminated and MUST be cleaned prior to application of Avery 1200 Banner Film. Although a new and well-protected banner may only appear to need a dry wipe, additional cleaning is needed to remove surface dirt, processing contaminants such as plasticiser, etc.

The following is a general process for PVC banner substrate preparation. For more details on substrate cleaning, refer to Avery Instructional Bulletin 1.01.

- Thoroughly wash the application surface with a detergent / water solution.
- Wipe dry with a lint free cloth.
- Thoroughly clean the surface with isopropyl alcohol to remove contaminants.
- Wipe dry again with a lint free cloth before solvent evaporates.
- Immediately prior to application saturate a clean lint free towel with IPA and wipe a small area (less than 1m<sup>2</sup>).
- Dry the surface thoroughly with lint free towel BEFORE the solvent evaporates and apply the Avery 1200 Banner Film immediately to this area that has completed the cleaning process.

### PVC Banner Vinyl Materials

Avery 1200 Banner Films can be applied to most flexible PVC banner material available. Proper cleaning and preparation methods for PVC banner materials must be followed for successful application. Compatibility of Avery products to PVC banner material should be tested independently prior to application.

### Application Tools

- Squeegee
- Low friction sleeve
- Air release tool
- Razor blades/cutting knives
- Rivet brush
- Cleaning fluid (IPA)
- Lint free cloth

## Application Procedure

- Make sure the surface and surrounding area are properly cleaned as per instructions above.
- Air and surface temperatures must be in range specified in the relevant Avery data sheet.
- Firm pressure on the plastic applicator/squeegee is necessary.
- Always use good quality squeegee, the edge must be smooth and not nicked.
- Use overlapping strokes when applying markings.
- Avoid stretching or stressing the film.
- Allow minimum of 20 minutes before removal of application tape.
- Always remove application tape at a 180° angle.
- Puncture air bubbles with a pin or air release tool (do NOT use a knife or razor).
- Re-squeegee 1200 Banner Film after application tape removal, paying particular attention to all edges.
- Use the rivet brush to brush the graphic into the texture of the banner substrate.
- Exposure of newly completed banners to direct sunlight is not recommended for at least 24 hours.

*NOTE: Wet application methods are not recommended. The textured substrate causes difficulty in removing the application fluid, resulting in low adhesion and possible product failure.*

## Storage of Pressure Sensitive Film

The fabricator may store films for one year. Film and markings must be stored in a clean area away from excessive moisture and direct sunlight, with ambient temperatures of 23°±3° C. If banners are to be re-used, Avery recommends the banner (with vinyl applied) be rolled onto a 150mm core, with the vinyl film on the outside. (DO NOT fold banner for storage or shipment).

## Storage of PVC Banner Material

Store in a clean environment free from excessive moisture and direct sunlight, with ambient temperatures of 23°±3° C, and 35 - 65% RH.

For further information, contact your local Avery Graphics representative.