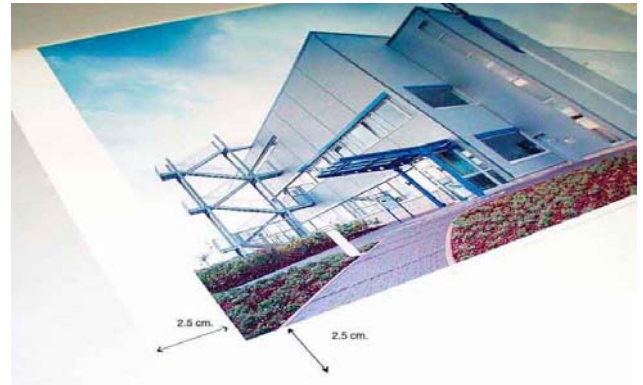


Avery® Instructional Bulletin 4.03

Conversion of IPM 1120, 2030/31, 2500/01 and 2000EZ

Printing

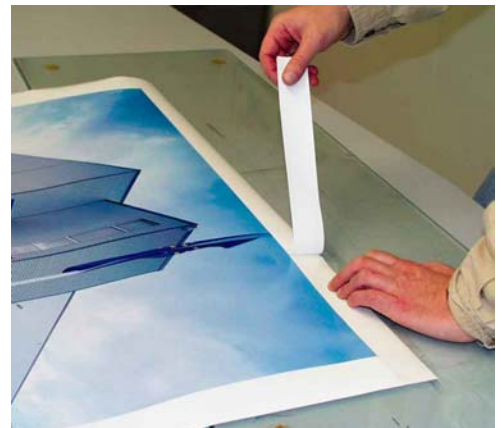
To obtain outdoor durability, Avery IPM 1120 (matt vinyl) and Avery IPM 2030/2031 (premium outdoor vinyl) must be printed with ENCAD GO or other pigmented inks in accordance with the supplier recommendations. To achieve optimal durability, the image and media edges must be protected with Avery DOL films. There are two methods recommended by Avery Dennison.



Method 1



1. Start with unprinted media.
2. Load media and forward 100mm.
3. Start printing, leaving an unprinted border of at least 25mm around all four edges.
4. When printing is complete, forward media 100mm and cut.
5. Trim image to right format by cutting only through the vinyl.
6. Remove the edge waste manually, leaving a 25mm strip of backing paper exposed around the printed graphic.

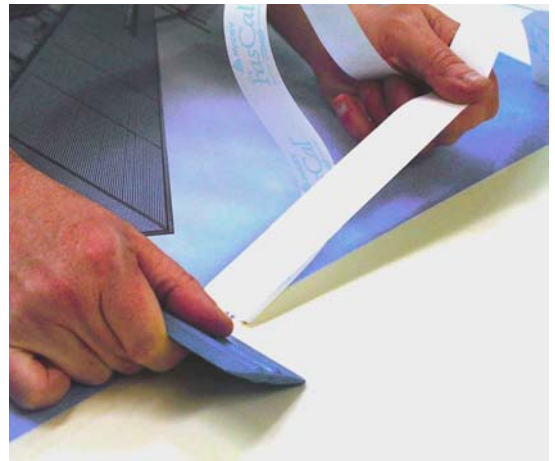


7. Check and clean your laminator. Ensure that there is no debris on the rollers that might damage or puncture the overlamine.
8. Choose an overlamine, which should, in principle, not be wider than the backing paper. Feed the Avery Digital Overlamine (DOL) and trimmed image, the latter preferably over a flat table, through the laminator.
9. Trim the edges of the overlaminated image, leaving an overlamine overlay of 25mm
10. Apply decal to the substrate, ensuring that firm pressure is applied to the edges.



Method 2

1. Start with unprinted media. Load media and print.
2. When printing is complete, laminate the image with an Avery Digital Overlamine (DOL) film according to standard lamination procedures.
3. Flush cut all waste, so that the final decal is left over, without any borders.
4. Apply the decal according to normal application procedures.
5. Cut strips of overlamine that are 4cm wide and as long as each side of the graphic. Use a vinyl overlamine with the same or even higher durability than the overlamine used on the image.
6. Wipe off all dirt and grease from the applied decal and avoid touching the overlamine or the strips with fingers. (Fingerprints may cause stains when overlaminated.)
7. Apply the strips in line with the side of the decal so that 25 mm is on the surface surrounding the decal and the remainder is on the overlaminated image.
8. Start with the bottom strip and continue with the sides. The last one is the top horizontal side that should be protected. Use a squeegee to apply the strips.
9. In case of multi panel prints, do not forget to cover the seams or the overlaps of the decal.



Note: Some darkening may appear over time on those areas of the image covered by two layers of overlamine. Aging of the film causes this.

Digital Overlaminates

Product	Ink	Laminate	Recommended/Application
Avery IPM 2030/2031	pigmented ink ^{*1}	DOL 1000/1100	Flat surfaces for static and vehicle use
Avery IPM 1120		DOL 4300	
Avery IPM 2030/2031	pigmented ink ^{*1}	No overlamine	Flat surfaces for static and non abrasive use

^{*1}: When printed with pigmented ink from HP, Encad or Colorspan

Note: Do not puncture or damage the overlamine during processing or application.

Application

- Application surface should be prepared in accordance with Avery Instructional Bulletin 1.01. The surface should be clean, dry and free from contaminants that may affect adhesion, i.e. silicones.
- All decals should be applied DRY.
- For large decals it is advisable to use Avery PM62 mask/application tape.
- Decals should be applied to flat surfaces only.

Further reference

Instructional Bulletin 1.4	Application Methods
Instructional Bulletin 4.06	Processing tips for Avery® DOL™ films
Technical Datasheets	Avery® IPM™ 1120
	Avery® IPM™ 2030/2031
	Avery® IPM™ 2500/2501
	Avery IPM 2000 EZ

For further information, contact your local Avery Graphics representative.