

Product Bulletin



BIODEGRADABLE FLEXIBLE MATTE WHITE PVC BIODEGRADABLE PERMANENT ADHESIVE

EcoMARK™ VFW-BIO-AP/108# is a 3.5-mil certified biodegradable (ASTM D 5511) white matte flexible calendared vinyl film coated with 3-135 certified biodegradable (ASTM D 5210) permanent pressure sensitive adhesive laminated to a environmentally friendly 8pt. board stock liner. This film is designed to accept a variety of solvent-based inkjet and UV curable inks common to wide format digital printing, in addition to conventional screen and UV offset printing systems. Adhesive 3-135 produces permanent bond to a variety of common substrates used in graphics applications. The vinyl and adhesive have been tested and shown to biodegrade in the presence of microbes which are typically found in a landfill setting. The product will not begin biodegrading until said environment is present. The environmentally friendly 8pt. liner is made using clean production - Elemental Chlorine Free bleaching, 10% internally recycled content and Responsible Fiber Sourcing - Fiber is verified to not be taken from a.) endangered forests; b.) old growth forest; c.) rain forests; d.) areas in violation of civil rights; and e.) illegally harvested or stolen wood.

Applications EcoMARK™ VFW-BIO-AP/108# is designed for interior signage, decals, nameplates, die-cut letters and point-of-purchase displays where biodegradable end results are desired.

Thickness

Film	3.5 mils.
Adhesive	.9 to 1.1 mils.
Liner	8.0 mils.

(Thickness variance +/- 10%)

Dimensional Stability Good.

Temperature Ranges Minimum application temperature is +40°F.
Service temperature is -40°F to +180°F.

Expected Exterior Exposure Up to 6-months

Adhesion To stainless steel 56 oz/in.
PSTC-101 Method A with 24 hr. dwell at 70°F and 50% relative humidity.
Typical values. Individual values may vary.
Test thoroughly for your specific application.

Humidity Resistance Good
Solvent Resistance Good

Storage Stability 6-month shelf life when stored at 70°F and 50% relative humidity.

(Compatible printing methods stated above)

Product Codes

Wide Format Digital Printing:	Concept 233
Screen and UV Offset Printing:	VFW-BIO-AP/108#

Recommendations Completely evaporate ink solvents before application. Failure to do so may facilitate solvent penetration resulting in premature vinyl degradation.



*Manufacturer of Pressure Sensitive Films,
Traffic Graffiti Floor Advertising Films,
Custom Coatings and Printing Inks.*

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