



ICON[®]

IM-3210BG

Product Description

ICON® IM-3210BG is a 3.2mil flexible white polymeric vinyl film, backed with a grey solvent-based permanent adhesive system. High density polymeric film provides excellent opacity, with a superior white point. An exceptional choice for short to medium-term indoor/outdoor signage, POP/tradeshows graphics, decals, nameplates, fleet graphics, and more!

Recommended End Uses

Substance Incorporated recommends the following end uses for ICON® IM-3210BG:

- Digitally printed graphics with exceptional color reproduction and vibrancy.
- Permanent indoor/outdoor signage with a short to medium-term lifespan.
- Permanent graphic installations to flat or slightly curved surfaces.
- High adhesion to a broad range of surfaces with good dimensional stability.

Performance Characteristics

Characteristic	Typical Value
Material	3.2 mil Polymeric Calendered Vinyl
Color	White
Tensile Strength	14.1 pounds/inch
Adhesive	Grey Solvent-Based Pressure Sensitive Acrylic
Adhesive Thickness	1.0 mil (0.028mm) 10%
Peel Adhesion	4.7 pounds/inch from Stainless Steel
Liner	93LB PE Coated Layflat Paper
Liner Release	30 grams/inch
Dimensional Stability	0.025 inch (0.6 mm)
Application Temp.	50 F to 90 F recommended, test prior to specific application
Temperature Range	-40 F to 190 F
Shelf Life	2 years when stored at 70 F and 50% relative humidity
Print Compatibility	Solvent, Eco-Solvent, Latex, UV, and Thermal Transfer Inks
Graphic Life	Outdoor durability up to 5 years (unprinted), permanent
Chemical Resistance	Resists mild acids, mild alkalis, solvents, and salts. Excellent resistance to water, including immersion.

Installation Recommendations

Before applying an overlaminate, allow 24-48 hours for print to dry. Application surface must be free of dust, dirt, debris, grease, and other contaminants. We highly recommend cleaning the installation surface with isopropyl alcohol prior to application. Dry installation is recommended. Please test any application fluid prior to use in production.

Disclaimer

All descriptive information presented within this Product Data Sheet is intended for reference purposes only. This information does not suggest or constitute a verbal or written warranty of any kind. The end user shall be responsible for independently testing the suitability of their application, prior to final use. The liability of Substance Incorporated will not exceed the purchase price of materials.