

Product Bulletin

Concept® 223

SEMI RIGID WHITE MATTE PVC Removable Adhesive

Concept® 223 is a 150 mic premium white matte semi rigid polymeric vinyl film coated with 200-4982 removable acrylic pressure sensitive adhesive laminated to a 135 gsm tight release digital liner designed for roll processing . This film is designed to accept a variety of solvent-based, UV curable and latex inks common to wide format digital printing systems.

Applications

Concept® 223 is a high performance removable decal film designed for ease of application of temporary interior or exterior signage, decals, nameplates, die-cut letters and point-of-purchase displays. Concept® 223 is the ideal media for temporary store front applications requiring bond to windows. This media may also be used on smooth surfaces such as metals, painted metals and certain high energy plastics. Not designed for coated/ sealed/ treated stainless steel, brass or bronze surfaces.

Thickness

Film	150 mic.
Adhesive	25 mic
Liner	135 gsm
(Thickness variance +/- 10%)	

Dimensional Stability

Good.

Temperature Ranges

Minimum application temperature	+4,4°Celsius
Service temperature	-40°C bis +82°C.

Expected Exterior Exposure

Removable up to 1 year under normal conditions.

Adhesion

To glass	1,09 bis 4,38 N/25mm
To standard test panels	1,09 bis 4,38 N/25mm

Tested according to PSTC-101 Method A with 24-hour dwell at 21°C and 50% relative humidity. Typical values. Individual values may vary. Test thoroughly before production.

Water Resistance

Good. Test if immersed.

Humidity Resistance

Good

Solvent Resistance

Good

Storage Stability

6-month shelf life when stored at 21°C and 50% relative humidity

Product Series

E223-54 1,37m x 30.48m

Recommendations

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



General
FORMULATIONS

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

309 S. Union • P.O. Box 158 • Sparta, Michigan 49345 • (616) 887-7387 • (800)253-3664 • FAX (616)887-0537

Web Site: www.generalformulations.com • e-mail: gfiinfo@generalformulations.com

We believe the information on this product to be accurate. However, since we cannot anticipate or control the conditions under which this information or our products may be used, we cannot guarantee results obtained through their use. Tests of our products should be made by users to determine the suitability of these products for a specific purpose. The products are sold without warranty, either express or implied. The purchaser should refer to General Formulations, Inc's Price List for Terms and Conditions or Sale, Including Disclaimer of Warranties and Limitation of Liability.