



Product Specification Data



Clear Digital Vinyl

Description

A 3.0-mil premium clear gloss flexible calendared PVC film coated with 200-5000 permanent acrylic pressure sensitive adhesive laminated to a 90# layflat liner. This film is designed to accept a variety of solvent-based inkjet and UV curable inks common to wide format digital printing systems. Adhesive 200-5000 produces permanent bonds to a variety of common substrates used in graphics applications. The 90# liner offers excellent product layflat in common ambient conditions.

Applications

This product is designed for interior or exterior signage, decals, nameplates, die-cut letters and point-of-purchase displays.

Thickness:

Film	3.0 mils.
Adhesive	.8 to 1.0 mils.
Liner	6.7 mils.

(Thickness variance \pm 10%)

Adhesion:

To stainless steel: 48 oz/in.
Tested according to PSTC-1 with 24 hr. dwell at 70°F and 50% relative humidity. Typical values. Individual values may vary.
Test thoroughly before production

Storage Stability

6 months shelf life when stored at 70°F and 50% relative humidity

Product Code

IM3205-30	30" x 50 yds
IM3205-54	54" x 50 yds

Recommendations

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

Statement of Practical Use:

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 Grimco, Inc's price list for terms and conditions of sale, including disclaimer of warranties and limitation of liability.

Dimensional Stability:

Good

Temperature Ranges

Minimum application temperature is 40°F.
Service temperature range is -40°F to 180°F.

Expected Exterior Exposure

Clear vinyl film can yellow with exposure to UV radiation. Must be tested for specific usage.

Water Resistance

Limited immersion resistance. Test for specific application. If using the wet application method the product may fog when exposed to water. This condition will usually clear within 48 hours at normal temperature and humidity.

Humidity Resistance

Good. Under high humidity conditions product may fog. This condition will usually clear within 48 hours at normal temperature and humidity

