



Series 1203/1253

Static Cling Flexible Vinyl Film Colors: Clear & White

General Description: FDC Series 1203/1253 Static Cling vinyl is a double polished flexible calendered vinyl. It is a unique conformable film with the ability to adhere to a variety of smooth surfaces without the presence of a pressure sensitive adhesive, allowing for easy removal and reapplication without leaving an adhesive residue.

Colors: Clear and white

Caliper of Film: 7.5 mil.

Water Resistance: Excellent. Test piece showed no deterioration or effect on cling. Not affected when immersed in 70°F (20°C) water for seven days.

Solvent Resistance: Excellent resistance to most petroleum based solvents and lower aliphatic alcohols.

Humidity Resistance: Excellent.

Adhesion:

Warm Surface 160°F (71°C)

Substrate	Initial Bond	24hr Bond
Acrylic	Excellent	Excellent
Glass	Excellent	Excellent

Cold Surface 32°F(0°C)

Substrate	Initial Bond	24hr Bond
Acrylic	Excellent	Excellent
Glass	Excellent	Excellent

Liner: Note: Always pretest material on your specific substrate.

Dimensional Stability: Excellent. No measurable shrinkage on applied parts.

Inks: Static Cling vinyl usually offers good adhesion for most solvent screen inks. Contact your ink supplier for recommendations. Test printability adhesion before production. Being a highly plasticized vinyl, migration to the surface may reduce ink adhesion. Conditioning the stock at 110° F, or wiping with isopropyl alcohol will reduce the plasticizer on the surface.

Shelf Life: 3 months. Excessive heat over 75° F and humidity over 75% increases the rate of plasticizer migration. These factors could affect ink adhesion and printability.

Service Temp Range: 20°F to 200° F



www.fdcfilms.com

3820 Wm Richardson Drive

South Bend, Indiana 46628

e-mail: fdcfilms@aol.com

TEL: 574-273-4400 Fax: 574-273-4500

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Applications: Static Cling is designed for temporary application to glass. It may also function adequately on other smooth, clean surfaces such as metal and plastics. Thoroughly test this product when applying to painted surfaces. Hazing may develop on the painted surface with extended exposure to static cling vinyl.

Application Temperature Range: 40°F

Warranty: Data provided by FDC is for general information only. This data is not to be used for exacting specification purposes. Always pretest product. Suitability for any given application is the responsibility of the user. Since FDC cannot control the conditions under which the products referred to herein may be used or handled, it can make no guarantee as to the effectiveness, safety or applicability with respect hereto. FDC's only obligation shall be to replace such quantity of product proven to be defective. FDC shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use or the inability to use the product. Before using, the user shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in connection therewith. The seller, FDC, shall not be liable for any default or delay caused by contingency beyond its control or the control of its supplier including but not limited, short or reduced supply of fuel, or other integral components of the product.



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