



Static Cling Label Materials

FVS12S • FVS13S • FVS14S • FVS15S • FVS110S

Technical Data

January, 2011

Product Description

3M™ Static Cling Label Materials are highly plasticized vinyl label materials available in white or clear that adhere to most clean smooth surfaces such as glass, painted metal, and most smooth plastics without the use of pressure sensitive adhesives and utilize a non-silicone coated liner specially designed for static cling vinyl.

Important Note: This product is not recommended for acrylic surfaces. The film will form a permanent bond even at slightly elevated temperatures.

Product Construction

Product Number	Facestock	Liner
3M™ Static Cling Label Material FVS12S	.007 in. White Static Cling TC6	60# Gloss
3M™ Static Cling Label Material FVS13S	.007 in. Clear Static Cling NTC	60# Gloss
3M™ Static Cling Label Material FVS14S	.007 in. Clear Static Cling TC6	.003 in. Matte/Clear Polyester
3M™ Static Cling Label Material FVS15S	.007 in. Clear NTC Static Cling	.003 in. Matte/Clear Polyester
3M™ Static Cling Label Material FVS110S	.007 in. Clear Static Cling TC6	60# Gloss

(Calipers are nominal values)

Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Liner Release	3M label products FVS12S, FVS13S, FVS110S	20 to 100 g/2 in.	TLMI Method, 180° removal, 300 in./min.
	3M label product FVS14S, FVS15S	15 to 100 g/2 in.	TLMI Method, 180° removal, 300 in./min.
Application Temperature	40°F to 100°F (4°C to 38°C)		
Service Temperature	20°F to 140°F (-7°C to 60°C)		

Features

- High gloss topcoating TC6 is designed for use with a wide variety of film inks systems, including flexographic and thermal transfer printing. (The end user should fully evaluate specific inks/ribbons for suitability.)
- Static cling vinyl meets CONEG and Mattel specifications.
- Liner for 3M label products FVS14S and FVS15S is used when high strength and caliper control are important. Recommended where clarity of the product is critical.

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Application Ideas	<ul style="list-style-type: none">• Oil change decals• Decorative window clings• Premask applications
Storage Conditions	To minimize the effects of humidity on the products, package the die-cut and printed stock in polyethylene bags. Low density polyethylene (2-4 mils) can help prevent humidity penetration. Store under normal conditions of 70°F (21°C) and 50% relative humidity.
Shelf Life	To obtain best performance, use this product within one year from the date of manufacture.
Technical Information	The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.
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