

PRODUCT DATA SHEET

Avery Dennison® Conform Chrome Series

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Introduction

Avery Dennison® Conform Chrome Series is a premium quality specialty film designed for use in vehicle and graphics markets where high end chrome accents are desired. The Avery Dennison® Easy Apply™ RS feature allows for faster positioning, bubble free application, and long term removability after the intended period of use.

Conversion

Avery Dennison® Conform Chrome is especially designed as an accent film. Cutting for the purpose of preparing sizes or shapes has proven to be feasible. However, signcutting of letters and graphics is not recommended. The Conform Chrome Series is designed for application to solid surfaces like automobiles, buses, and trains and applied over existing unprinted graphic films. The film should be heated gently when applied to complex surfaces. Excessive heat and stretching may cause product discoloration or "whitening", which is not covered by material warranty



Face Film

142 micron chrome finish film



Adhesive

Permanent, transparent acrylic - Long Term Removable with Easy Apply™ RS technology



Backing

Poly-coated kraft paper, 150 g/sqm



Durability

Vertical exposure Gloss Silver 3 years

Vertical exposure Colours & Matte finish 2 years



Shelf Life

1 year Stored at 22° C/50-55 % RH 1

Recommendations

The Conform Chrome Series is a chrome accent films designed to add special effects and a sporty touch to graphics. Before using, user shall determine the suitability of the product for its intended use and accepts responsibility to ensure compliance with any and all laws and regulations concerning the use of chrome film on vehicles or in the ultimate graphic application, and user assumes all risk and liability in connection therewith.

The Conform Chrome Series is a sensitive film and may scratch during application, or during day in and out use. We advise to be extra vigilant and careful when using this film. The scratching of the film is not covered by the Warranty. The film might have some surface imperfections, not uncommon in the face film, which cannot be considered as a defect or failure. Neither Avery Dennison® nor its affiliates or any other entities thereof accept any liability or responsibility for the scratching of the film and/or surface imperfections.

Features

- Semi-conformable film available with very high-gloss & silver Matte finish
- Unique adhesive technology. (Information below)
- Good conformability to irregular substrates
- Mildly concave shaped - Gently convex shaped
- Outstanding durability and outdoor performance
- Good UV, temperature, humidity, and salt-spray resistance
- Easy Apply™ feature helps eliminate wrinkles and bubbles during application

Physical Characteristics

| | Test method ¹ | Results |
|---------------------------------------|-------------------------------|--|
| Product | | |
| Caliper, facefilm (micron) | ISO 534 | 142 |
| Caliper adhesive (micron) | ISO 534 | 30 |
| Gloss (%) | ISO 2813, 20° | 90 GU |
| Dimensional stability (mm max.) | DIN 30646 | 0.15 |
| Adhesion, initial (N/m) | FINTAT FTM-1, stainless steel | 350 |
| Adhesion, ultimate (N/m) | FINAT FTM-1, stainless steel | 440 |
| Flammability | | Self extinguishing |
| Shelf life (years) | Stored at 22° C/50-55 % RH | 1 |
| Durability ² (years) | Vertical exposure | 3 years (Gloss Silver) 2 years (Colours & Matte Finish) |
| Temperature range | | |
| Application temperature (Minimum: °C) | | + 10 |
| Service temperature (°C to +°C) | | -40 - 80 |
| Chemical properties | | |
| Chemical resistance | | Resistant to most mild acids, alkalis and salt solutions. |

Important

Information on physical and chemical characteristics and values in this document are based upon tests we believe to be reliable and do not constitute a warranty. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material to their specific use.

All technical data are subject to change. In case of any ambiguities or differences between the English and foreign versions of this document, the English version shall be prevailing and leading.

1) Test methods: More information about our test methods can be found on our website.

2) Durability: The durability is based on middle European exposure conditions. Actual performance life will depend on substrate preparation, exposure conditions and maintenance of the marking. For instance, in the case of signs facing south; in areas of long high temperature exposure such as southern European countries; in industrially polluted areas or high altitudes, exterior performance will be decreased.

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