

PRODUCT DATA SHEET

Avery Dennison 6904 Easy Apply

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Introduction

Avery Dennison 6904 Easy Apply is a premium quality castfilm designed for use in fleet marking and corporate identification applications providing enhanced ease-of-use during application. Entrapped air can easily be rubbed out without the need to punch the vinyl film. The easy-to-apply feature offers the benefits of faster application of decals and graphics.

Description

Facefilm : premium quality, 50 micron cast vinyl
Adhesive : permanent, grey, low tack, positionable, acrylic based adhesive
Backing paper : Staffat backing

Conversion

Avery Dennison 6904 Easy Apply film can be screen printed with high quality vinyl screen inks. For screen ink recommendations, please consult Avery Dennison Technical Bulletin 2.2.

Features

- Excellent application characteristics: repositionable adhesive that -in addition- allows easy removal of entrapped air.
- Slow adhesion built up allows corrections during application.
- Excellent sheet stability for exact register at screenprinting.
- Excellent printability and conversion characteristics
- High opacity to hide substrate colour differences.
- Excellent dimensional stability during use.
- Excellent outdoor durability, humidity and saltspray resistance.
- Excellent removability after the completion of the period of use.

Recommendations for use

- Large fleet graphics on flat, corrugated, riveted and curved surfaces.
- Corporate identity graphics and logos.
- Fleet graphics that require clean removal after the intended period of use.
- For ease of use, please consult the following Technical Bulletins:
 - 1.1 Cleaning and preparation of application substrates
 - 1.2 Removal of self-adhesive films
 - 1.4 Application methods for Avery Dennison self-adhesive films.
 - 2.1 Guidelines for screenprinting
 - 2.2 General screen ink recommendations
 - 3.9 Application Instructions for Avery Dennison 900 Supercast

Physical properties

Features	Test method¹	Results
Caliper, facefilm	ISO 534	50 micron
Caliper, facefilm + adhesive	ISO 534	85 micron
Gloss	ISO 2813, 20°	50 %
Dimensional stability	FINAT FTM 14	0.2 mm . max
Tensile strength	DIN 53455	22 N/mm ²
Elongation	DIN 53455	100 %
Adhesion, initial	FINAT FTM-1, stainless steel	320 N/m
Adhesion, after 24 hours	FINAT FTM-1, stainless steel	400 N/m
Adhesion, after 1 week	FINAT FTM-1, stainless steel	700 N/m
Shelf life	Stored at 22° C/50-55 % RH	2 years
Durability ²	Vertical exposure	7 years

Temperature range

Features	Results
Application temperature	Minimum: + 7° C
Service temperature	-45° to +80° C

Chemical properties

Features	Test method¹	Results
Humidity resistance	120 hours exposure	No effect
Corrosion resistance	120 hours exposure	No contribution to corrosion
Water resistance	48 hours immersion	No effect
Chemical resistance	Mild acids Mild alkalis	No effect No effect
Solvent resistance	Applied to aluminium and	No effect exposed to: oils, greases, aliphatic solvents, motor oils, heptane, kerosene and JP-4 fuel.

Important

Information on physical and chemical characteristics is based upon tests we believe to be reliable. The values listed herein are typical values and are not for use in specifications. 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.

Warranty

Avery Dennison® branded materials are manufactured under careful quality control and are warranted to be free from defect in material and workmanship. Any material shown to our satisfaction to be defective at the time of sale will be replaced without charge. Our aggregate liability to the purchaser shall in no circumstances exceed the cost of the defective materials supplied. No salesman, representative or agent is authorized to give any guarantee, warranty, or make any representation contrary to the foregoing. All Avery Dennison® branded materials are sold subject to the above conditions, being part of our standard conditions of sale, a copy of which is available on request.

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.