

Avery[®] FasFlex[™] 3000

Flexible PVC Film for Curtain Sided Trucks

Features

- Excellent outdoor durability
- Little or no fading resulting from machine or high pressure washing
- Highly flexible film, even at low temperatures
- Superior adhesion to PVC truck curtains
- No dirt ingress

Conversion

- | | |
|--|--|
| <input type="checkbox"/> Flat bed cutters | <input type="checkbox"/> Cold overlaminating |
| <input type="checkbox"/> Friction fed cutters | <input type="checkbox"/> Estat printing |
| <input checked="" type="checkbox"/> Die cutting | <input type="checkbox"/> Water based inkjet |
| <input type="checkbox"/> Thermal transfer | <input type="checkbox"/> Solvent inkjet |
| <input checked="" type="checkbox"/> Screen printing | <input type="checkbox"/> Mild solvent inkjet |

Application

- Suitable for application to plasticised PVC truck curtains only
- Can be applied to curtains either on or off the truck
- Refer to Instructional Bulletins for information regarding inks, application, and cleaning recommendations

Uses

Avery FasFlex 3000 is designed for creating permanent markings on tilt and roller curtains on trucks.

Description



Film: 80 micron satin white specially formulated flexible PVC



Adhesive: Permanent (only when applied to PVC curtains)



Backing: One side coated bleached Kraft paper, 140gsm



Outdoor life: Up to 5 years unprinted

Common Applications

- Curtain sided trucks

Physical characteristics

General

Caliper, facefilm	ISO 534	80 micron
Caliper, facefilm & adhesive	ISO 534	130 micron
Dimensional stability	DIN 30646	0.2 mm max
Tensile strength	DIN 53455	12.5 N/mm ²
Elongation	DIN 53455	200%
Gloss	ISO 2813, 20°	45 %
Adhesion, ultimate	Typical values - PVC Curtains	1500 N/m
Flammability		Self extinguishing
Shelf life	Stored at 22° C/50-55 % RH	2 years
Accelerated ageing	DIN 53387 1500 hours exposure	No negative impact on film performance
Durability **	Vertical exposure	up to 5 years (unprinted)

Thermal

Application temperature	Minimum: + 10°C
Temperature range	- 50°C to + 90°C

Chemical

Humidity resistance	200 hours exposure	No effect
Water resistance	48 hours immersion time	No effect
Washability (scrum) test	ASTM-D-2486; 1000 cycles	No effect
Chemical Solvent Resistance		
Test Fluid:	Immersion Time:	Adhesion:
Diesel oil	24 hours	800 N/m
Antifreeze	24 hours	800 N/m
Distilled water (65°C)	24 hours	800 N/m
Detergent solution (65°C)	8 hours	800 N/m
SAE Motor oil	24 hours	800 N/m

All chemical tests were conducted with Avery FasFlex 3000 samples applied to PVC curtain substrates.

Important

Information on physical 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 any material for their specific use.

All technical data is subject to change without prior notice.

Warranty

Avery® 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 authorised to give guarantee, warranty, or make any representation contrary to the foregoing.

All Avery® materials are sold subject to the above conditions, being part of our standard conditions of sale, a copy of which is available on request.

**Durability

The durability is based on Australian 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 north; in areas of long high temperature exposure such as northern Australia; in industrially polluted areas or high altitudes, exterior performance will be decreased.

***Information unavailable at time of printing.

Test Methods

Dimensional stability:

Is measured on a 150 x 150 mm aluminium panel to which a specimen has been applied; 72 hours after application the panel is exposed for 48 hours to + 70°C, after which the shrinkage is measured.

Adhesion:

(FTM-1, FINAT) is measured by peeling a specimen at a 180° angle from a stainless steel or float glass panel, 24 hours after the specimen has been applied under standardised conditions. Initial adhesion is measured 20 minutes after application of the specimen.

Flammability:

A specimen applied to aluminium is subjected to the flame of a gas burner for 15 seconds. The film should stop burning within 15 seconds after removal from the flame.

Temperature range:

A specimen applied to stainless steel is exposed at high and low temperatures and brought back to room temperature. 1 hour after exposure the specimen is examined for any deterioration. Note: Prolonged exposure to high and low temperatures in the presence of chemicals such as solvents, acids, dyes, etc. may eventually cause deterioration.

Chemical Resistance:

All chemical tests are conducted with test panels to which a specimen has been applied. 72 hours after application the panels are immersed in the test fluid for the given test period. 1 hour after removing the panel from the fluid, the specimen is examined for any deterioration.

Corrosion Resistance:

A specimen applied to aluminium is exposed to saline mist (5% salt) at 35°C. After exposure, the film is removed and the panel is examined for traces of corrosion.