PRODUCT DATA SHEET

Avery® FasFlex® 3000

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Introduction
Avery FasFlex 3000 is a special screenprint film for use on flexible vehicle curtains.

Description

Facefilm:	80 micron highly flexible film, especially formulated for marking tilts and curtain sided vehicles
Adhesive:	permanent, on PVC curtain material only
Backing paper:	one side coated bleached kraft paper, 140 g/m²

Conversion
Screenprinting on to Avery FasFlex 3000 gives excellent results. In order to obtain sufficient flexibility of the printed graphic, **only** the recommended screenprinting inks should be used.
For general screenprint recommendations, please consult Avery Technical Bulletin 2.2.
For screen ink recommendations on Avery FasFlex 3000, please consult Technical Bulletin 2.8

Features
- Excellent outdoor durability, no fading from machine washing.
- No dirt ingress, easy cleaning.
- Highly flexible, even at extremely low temperatures.
- Easy to apply, either on or off vehicle.
- Ultra-high bond to curtain surfaces.

Recommendations for use
- Permanent marking, decoration and advertising on tilts and (roller) curtain sided vehicles.

Recommendation for application
Prior to using Avery FasFlex 3000, we recommend consulting the following documentation:
- Screen ink recommendations for Avery Fasflex 3000
- Application methods for Avery Fasflex 3000
- T.B. 3.8: “Maintenance and Cleaning Methods for Avery FasFlex 3000 and Avery SignFlex 2200”.

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PRODUCT CHARACTERISTICS

Physical properties

Features	Test method[1]	Results
Caliper, facefilm	ISO 534	80 micron
Caliper, facefilm + adhesive	ISO 534	130 micron
Tensile strength	DIN 53455	1,0 kN/m
Elongation	DIN 53455	200 %
Gloss	ISO 2813, 60º	45 %
Dimensional stability	DIN 30646	0,2 mm max.
Adhesion on PVC curtain fabrics		Typical value 1500 N/m
Accelerated ageing	DIN 53387 1500 hours exposure	No negative impact on film performance
Shelf life	Stored at 22° C /50-55 % RH	2 years
Durability*	Vertical exposure	3-5 years

Temperature range

Features	Results
Minimum application temperature:	+10° C
Service temperature:	- 50° to + 90° C

Chemical properties

Features	Test method[1]	Results
Humidity resistance	200 hours exposure	No effect
Water resistance	48 hours immersion	No effect
Washability (scrub) 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 65ºC	24 hours	800 N/m
Detergent solution 65º C	8 hours	800 N/m
SAE Motoroil	24 hours	800 N/m

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® 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 authorised to give any guarantee, warranty, or make any representation contrary to the foregoing.
All Avery® 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
All chemical resistance tests are conducted with FasCal FasFlex 3000 applied on PVC curtain fabric substrates.
FasCal FasFlex 3000 does not adhere to metal substrates.
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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