Avery® MPI 4330 Heavy Duty Double Sided

680gsm Heavy Duty Double Sided Blockout Banner

Features

- Heavy Duty 680gsm construction
- Smooth finish
- Excellent whiteness for fresh, vibrant colours
- Printable on both sides with no show through
- Compatible with most solvent inkjet printers
- Rapid ink drying after printing
- Excellent tear resistance
- Reduced fraying when trimming and eyeleting
- Excellent outdoor durability
- Resistant to UV, rain, fungi and frost

Description

Film	680gsm (20oz) matt white PVC Banner
Scrim Construction	1000 x 1000 denier 12 x 12 per square inch
Standard Widths	1.37m, 1.6m, 2.05m
Maximum Width	3.2m
Roll Length	50m
Outdoor Life	Up to 3 years printed
Printability	Suitable with most solvent inkjet printers including Vutek, NUR, Scitex, Mutoh, Mimaki and DGI

Conversion

- ☐ Flat bed cutters
- ☐ Friction fed cutters
- ☐ Die cutting
- ☐ Thermal transfer
- ■ **Screen printing**
- ☐ Cold overlaminating
- ☐ Water based inkjet
- ■ **Eco solvent inkjet**
- ■ **Solvent inkjet**
- ■ **UV Cured inkjet***

Common Applications

- Outdoor banners
- Indoor banners
- Exhibition banners
- Shopping centre banners
- Street banners
- Point of sale banners
- Special event banners

Uses

Avery MPI 4330 Heavy Duty Double Sided Banner is ideal for applications requiring full colour printed images on both sides with no show through and where excellent printability is required.

Digital Media
Product Data Sheet

AVERY GRAPHICS

Physical characteristics

General

Caliper			680gsm (20oz)
Transmittance		ASTM E 424 6.5.2	< 0.10 %
Tensile strength	- Length	ISO 13934-1:1999	213.2 kg force / 50mm
	- Width	C.R.E. CUTSTRIP METHOD	184.3 kg force / 50mm
Tear strength	- Length	ISO 13937-2:2000	18.5 kg
	- Width	C.R.E. SINGLE TEAR	19.6 kg
Elongation	- Length	ISO 13934-2:1999	27.3%
	- Width	C.R.E. CUTSTRIP METHOD	30.8%
Adhesion Strength		ISO 2411, C.R.E	11 kg force / 50mm
Shelf life			1 year
Durability **		Vertical exposure	Up to 3 years
Resistance to weathering		ASTM G26, XENON ARCLAMP, 18Min. SPRAY/2HRS., 100HRS EXPOSURE	No Change

Thermal

Resistance to low temperature	- Length	DIN53351, -20°C, 5HRS	98.8%
	- Width		97.7%
Resistance to high temperature	- Length	DIN53351, 80°C, 5HRS	98.2%
	- Width		98.3%

Chemical

Determination resistance of synthetic polymeric materials to fungi	ASTM G21-1996	0

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.

*Compatible with most media and ink combinations. Test prior to use.

***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 35ºC. After exposure, the film is removed and the panel is examined for traces of corrosion.

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