

Avery® MPI 4421

19oz Backlit Super Gloss (Premium) Banner



NB: Always test your combination of Avery's MPI media, Inkjet Printer, and Inks prior to commercial use.

Features

- 640gsm laminated PVC construction
- Smooth, high gloss vibrant surface finish
- Excellent light transmittance for printing (vibrant colours under light panel)
- Ocean Blue colour tone to counter yellowish effect (long term exposure to the light source)
- Excellent softness, perfect stay-flatness during printing
- Rapid dry after print. Print surface does not stick together
- Available in all popular print widths
- Up to 5.1m width available for seamless construction
- Excellent outdoor durability
- Compatible with most popular solvent inkjet printers
- Excellent tear resistance
- Reduced fraying when trimming or eyeletting

Description

Film	640gsm (19oz) Super Gloss Blue-White translucent PVC Banner
Scrim Construction	500 x 500 denier 18 x 12 per square inch
Standard Widths	1.37m, 1.83m, 2.05m, 2.5m, 3.2m, 3.5m, 5.1m
Maximum Width	5.1m
Roll Length	50m
Outdoor Life	Up to 1 year (unprinted)
Printability	Suitable with most solvent inkjet printers including Vuteck, NUR, Scitex, Mutoh, Mimaki and DGI

Conversion

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

Common Applications

- Backlit Billboards
- Digitally Printed Corporate Signage
- Indoor backlit advertising panels
- Suitable as a Signflex

Uses

Avery® MPI 4421, a 19oz Super Gloss (Premium) Backlit is a versatile backlit media suitable for a wide range of indoor and outdoor light-box or light panel applications where colour-fastness, durability, gloss finish, vibrant colour prints and excellent printability are required.

Physical characteristics

General

Weight		640 gsm (19oz)
Tensile Strength - Length	ISO 13934 – 1:1999	75.0 kg / 50mm
- Width	ISO 13934 – 1:1999	75.0 kg / 50mm
Tear Strength - Length	ISO 13937 – 2:2000	20.0 kg force
- Width	ISO 13937 – 2:2000	20.0 kg force
Peeling Strength	ISO 2411, C.R.E	4.0 kg / 50mm
Shelf life	Stored at 22° C/50-60 % RH	1 year
Durability **	Vertical exposure	Up to 1 year (outdoor)
Resistance to weathering	ASTM G26, XENON APCLAMP, 18Min. SPRAY/2HRS., 100HRS EXPOSURE	No Change

Thermal

Resistance to low temperature	DIN53351	-30°C
Resistance to high temperature		70°C

Chemical

Determination resistance of synthetic Polymeric materials to fungi	ASTM G21-1996	0
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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 sun-rise & sunset; in areas of long high temperature exposure such as northern Australia; in industrially polluted areas or high altitudes, exterior performance will be decreased.