

Avery[®] MPI 4510 Mesh

305gsm Knitted Mesh Banner

Features

- 305gsm knitted mesh construction
- Displays bright vibrant colours whilst allowing air flow through the banner
- Excellent wind resistance
- Light weight
- Up to 5m wide seamless construction
- Compatible with most popular solvent inkjet printers
- Rapid ink drying
- Reduced fraying when trimming
- Excellent outdoor durability
- Resistant to UV, rain, fungi and frost

Conversion

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|------------------------------------------------------------|-----------------------------------------------------------|
| <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 solvent inkjet |

Uses

Avery MPI 4510 Mesh is ideal for producing full colour, light weight screens and banners for use in high wind areas or where large banners are required.

Description

Film 305gsm (8oz) matt white knitted film

Scrim Construction 1000 x 1000 denier
12 x 12 per square inch

Standard Widths 1.37m, 2.5m

Maximum Width 5.0m

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

Common Applications

- Building wraps
- Construction sites
- Bridges and pedestrian overpasses
- Advertising hoardings
- Outdoor banners

Physical characteristics

General

Caliper		305gsm (8oz)
Tensile strength - Length	ISO 13934-1:1999	195.5 kg / 50mm
- Width	ISO 13934-1:1999	164.5 kg / 50mm
Elongation - Length	ISO 13934-1:1999	23.0%
- Width	ISO 13934-1:1999	21.0%
Tear Strength - Length	ISO 13937-2:2000	36.8 kg force
- Width	ISO 13937-2:2000	27.9 kg force
Adhesion Strength	ISO 2411, C.R.E	13.7 kg / 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	DIN53351	-20°C
Resistance to high temperature	DIN53351	80°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 north; in areas of long high temperature exposure such as northern Australia; in industrially polluted areas or high altitudes, exterior performance will be decreased.