

## PRODUCT DATA SHEET



# Avery® MPI™ 6121 Street Graphics

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### Introduction

Avery MPI 6121 Street Graphics is a matt white non-PVC self-adhesive cast film. It is recommended for use on a variety of super wide format inkjet printers using UV curable ink. The film's patent-pending, micro-fracture technology enables MPI 6121 to conform to irregular surfaces by fracturing and conforming.

MPI 6121 Street Graphics is a unique film for promotional short term outdoor advertising opportunities. It offers exceptional value for creating brand images for pedestrian foot traffic but is also perfect for temporary way finding graphics for parades, festivals and promotional events, such as trade shows and sporting events.

### Description

Film : 45 micron matt white non-PVC cast  
Adhesive : permanent, acrylic  
Backingpaper : StaFlat liner

### Conversion

Avery MPI 6121 Street Graphics is developed for use on various super wide format printers using UV curable or inks.

### Application

This film enables the application of eye-catching graphics on rough surfaces. Because of its unique features we advise you to read our information on processing and application. Please refer to "Technical Bulletin 5.10 Conversion, application and removal of Avery MPI 6121 Street Graphics".

### Recommendations for use

- Street graphics
- Event promotions
- Sporting events
- Bus shelters
- Train stations
- Trade shows

### Features

- Fracturing and conforming to irregular surfaces due to unique micro-fracture technology
- By breaking apart it limits water pooling and allows moisture through to further reduce slip hazard in wet conditions
- Excellent printability and handling on UV curable printers.
- Matt low glare finish for painted appearance without the need for overlamine
- Outstanding outdoor colour durability performance: Up to 6 months for pedestrian traffic and 3 months for vehicle traffic
- Excellent adhesion to rough surfaces including asphalt, concrete, tiles and many more

### Standards

Meets or exceeds ASTM2047, AS/NZS 4663:2004 and UL410 test standards on slip resistance



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# PRODUCT CHARACTERISTICS

Avery® MPI™ 6121 Street Graphics

## Physical properties

Features	Test method <sup>1</sup>	Results
Caliper, facefilm	ISO 534	45 micron
Caliper, facefilm + adhesive	ISO 534	80 micron
Elongation	DIN 53455	< 15 %
Dimensional stability	DIN 30646	0.4 mm max.
Flammability		Self-extinguishing
Shelf life	Stored at 22° C/50-55 % RH	2 years

Durability	Horizontal	Unprinted, up to 6 months
Durability pedestrian traffic		Up to 6 months
Durability vehicle traffic		Up to 3 months

Note: Excessive wear may occur in areas where repetitive motion, such as tires turning, takes place on graphic.

## Temperature range

Minimum application temperature:	+13 °C
Service temperature:	- 40 °C to + 80 °C

Chemical resistance	Resistant to most mild acids, alkalis and salt solutions.
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## 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. In case of any ambiguities or differences between the English and foreign versions of these Conditions, the English version shall be controlling.

Avery Dennison makes no representations or warranties with respect to this product and installer assumes all risks and liabilities associated with the preparation of the surface, application of the material and removal. Avery Dennison recommends that you comply with all applicable safety standards, including the use of the proper personal protective equipment. Furthermore Avery Dennison advises to check local legislation on application and possible environmental limitations of Street Graphics when used in public areas.

### 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

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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