

PRODUCT DATA SHEET



Avery® 5500 QM Translucent Films

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Introduction

Avery® 5500 QM Translucent Films have been especially designed for sign cutting. Avery® 5500 QM Translucent Films offer excellent conversion using computerised sign cutting, hand cutting or die cutting.

Description

Facefilm: 50 micron, translucent cast vinyl film
Adhesive: permanent, transparent acrylic based
Backing paper: one side coated white kraft paper, 140 g/m²

Features

- Excellent colour uniformity in reflected and transmitted light.
- Excellent adhesion to a wide variety of substrates.
- Excellent colour fastness and durability.
- Superior dimensional stability.

Recommendations for use

- Graphics for internally illuminated signs and canopies, on both rigid and flexible substrates.
- Window graphics and retail signage.

Avery® Colour Matching:

A fast colour matching service is offered for projects where specific colour needs cannot be matched from the standard colour range. The supply conditions are mentioned in the service policy.

PANTONE® Cross-references:

A range of Pantone-approved colours is offered for faster colour choices and for the ease of use to the designers and signmakers. A separate list with Pantone-approved cross-references shows the approved colours and the link to the standard Avery name and code.

PANTONE® is the property of Pantone, Inc.



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PRODUCT CHARACTERISTICS

Avery® 5500 QM Translucent Films

Physical properties

Features	Test method ¹	Results
Caliper, facefilm	ISO 534	50 micron
Caliper, facefilm + adhesive	ISO 534	80 micron
Tensile strength	DIN 53455	1.0 kN/m
Elongation	DIN 53455	75%
Gloss	ISO 2813, 20°	25%
Dimensional stability	DIN 30646	0.2 mm. max
Adhesion, initial	FINAT FTM-1, stainless steel	540 N/m
Adhesion, ultimate	FINAT FTM-1, PMMA	720 N/m
	Glass	640 N/m
	Stainless steel	720 N/m
Accelerated ageing	SAE J 1960, 2000 hours exposure	No significant colour change
Shelf life	Stored at 22° C/50-55 % RH	2 years
Durability ²	Vertical exposure	
White + Black		10 years
Colours + Transparent		8 years
Metallic		5 years

Temperature range

Features	Results
Application temperature	Minimum: +10°C
Service temperature	-50° to +110° C
Heat resistance	3 weeks exposure at 80° C
	No significant colour change

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

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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