Avery Dennison® ICS Performance Guarantee Bulletin - Océ

ANZ Revision number: 11 Date: 08-2018

ICS Performance Guarantee

The ICS Performance Guarantee combines our films with qualified OEM components to form a system which is guaranteed to be compatible and provide superior performance. You know exactly what to expect from your finished Avery Dennison graphics because your chosen combination has already withstood rigorous lab testing and met a very stringent set of durability and physical performance specifications. Please refer to Avery Dennison ICS Performance Guarantee Terms and Conditions 1.0 for further details.

Printer Configuration

Avery Dennison ICS Performance Guarantee for digital inkjet printed graphics with the following Océ printers and inks;

Equipment Manufacturer	Printer name	Ink series*	ICS number
océ	CS 6060 / 6100	IJC 610	1.11.1
	CS 6407 / 6410	IJC 640	1.11.1
	CS 9065 / 9090	IJC 910	1.11.1
	CS 9265 / 9290	IJC 920	1.11.1
	CS 9050 / 9060 / 9065 / 9090	IJC 930	1.11.1
	CS 9160	IJC 930	1.11.1
	CS 9350 / CS 9360	IJC 932	1.11.1

Avery Dennison® ICS Performance Guarantee Bulletin 1.11.1 - Océ

Digital Inkjet Printed Graphics			Warranty period in years, Zone 2			Warranty period in years, Zone 3			Application Substrate					
Digital Print Media - MPI	Graphic Protection - DOL	Unprinted Zone 1	Outdoor & Vehicles	Outdoor Horizontal	Marine Vertical	Outdoor & Vehicles	Outdoor Horizontal	Marine Vertical	Indoor	Flat	Simple curves	Rivets	Compound curves	Deep Recesses & Corrugations
Premium Cast														
MPI 1105 Easy Apply RS™	Unprotected	10	–	–	–	–	–	–	–	•	•	•	•	•
	DOL 6460 High Gloss		6	3	3.5	5	2	2	8	•	•	•	•	•
	DOL 1400Z Series		5	–	3	3	–	1.5	8	•	•	•	•	•
	DOL 1000Z Series		5	–	3	3	–	1.5	8	•	•	•	–	–
	DOL 4300 Anti-Graffiti		5	–	3	3	–	–	8	•	–	–	–	–
High Performance Calendared														
MPI 2105 Easy Apply RS™, MPI 2126 Hi Tack Easy Apply	Unprotected	7	–	–	–	–	–	–	–	•	•	–	–	–
MPI 2000, MPI 2002, MPI 2112, MPI 2006 Hi Tack	DOL 1000Z Series		4.5	–	–	3	–	–	7	•	•	–	–	–
MPI 2120, MPI 2040, MPI 2041, MPI 2050 Translucent	DOL 2000 Series		4	–	–	2.5	–	–	6	•	•	–	–	–
	DOL 4300 Anti-Graffiti		4	–	–	2.5	–	–	7	•	–	–	–	–
MPI 2611 Wall Film	Unprotected	4	–	–	–	–	–	–	5^	•	–	–	–	–
	DOL 1000Z Series		–	–	–	–	–	–	7	•	–	–	–	–
	DOL 2000 Series		–	–	–	–	–	–	6	•	–	–	–	–
MPI 2630 Series Textured Wall Film	Unprotected	4	–	–	–	–	–	–	5^	•	–	–	–	–
Intermediate Calendared														
MPI 2900 Gloss Series	Unprotected	5	–	–	–	–	–	–	–	•	•	–	–	–
MPI 2920 Matte Series	DOL 2000 Series		3.5	–	–	2	–	–	5	•	•	–	–	–
	DOL 2800 Gloss, DOL 2900 Matte		3	–	–	1.5	–	–	4	•	•	–	–	–
MPI 2800 Gloss Series	Unprotected	5	–	–	–	–	–	–	–	•	•	–	–	–
	DOL 2800 Gloss, DOL 2900 Matte		3	–	–	1.5	–	–	4	•	•	–	–	–
Promotional Calendared														
MPI 3000 PP Series, MPI 3021, MPI 3620 Quickmount	Unprotected	3	–	–	–	–	–	–	–	•	–	–	–	–
MPI 3026 Supertack	DOL 3000 Series		2	–	–	1	–	–	3	•	–	–	–	–
MPI 3300 Staflat Series	Unprotected	3	–	–	–	–	–	–	–	•	–	–	–	–
	DOL 3000 Series		1.5	–	–	0.8	–	–	3	•	–	–	–	–
Specialty														
MPI Dusted Glass Easy Apply RS™	Unprotected	5	–	–	–	–	–	–	–	•	–	–	–	–
	DOL 1000Z Series		4	–	–	2.5	–	–	7	•	–	–	–	–
	DOL 2000 Series		3	–	–	1.5	–	–	6	•	–	–	–	–
Reflective														
V-4000 Premium Reflective White Films	Unprotected	7	–	–	–	–	–	–	–	•	•	•	•*	–
	DOL 6460 High Gloss		6	3	3.5	5	2	2	8	•	•	•	•*	–
	DOL 1460Z High Gloss		5	–	3	3	–	1.5	8	•	•	•	•*	–
	DOL 1060Z Gloss		5	–	3	3	–	1.5	8	•	•	•	–	–
V-8000 VisiFlex™ Hi Visibility Reflective White Films	Unprotected	7	–	–	–	–	–	–	–	•	•	–	–	–
	DOL 6460 High Gloss		5	–	3	3	–	1.5	8	•	•	–	–	–
	DOL 1460Z High Gloss		5	–	3	3	–	1.5	8	•	•	–	–	–
	DOL 1060Z Gloss		5	–	3	3	–	1.5	8	•	•	–	–	–
Perforated Window Films														
MPI 2509 PWF, MPI 2709 PWF	Unprotected	3	–	–	–	–	–	–	–	•	•	–	–	–
	DOL 6460 High Gloss		2	–	–	1	–	–	–	•	•	–	–	–
	DOL 1060Z Gloss		1	–	–	0.5	–	–	–	•	•	–	–	–
Floor Graphic System														
MPI 3002PP, MPI 3041PP	DOL 3100		–	–	–	–	–	–	6m	•	–	–	–	–
	DOL 6000 Floor Graphics		–	–	–	–	–	–	9m	•	–	–	–	–

m = Durability in months

^ Not warranted for damage or fading of inks from abrasion or chemicals. See ICS Performance Guarantee terms and conditions for full details.

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Avery Dennison® ICS Performance Guarantee Additional information on graphics durability

Expected Durability and Potential Durability Reductions

The expected durability of Avery Dennison films are defined as the expected performance life of the Avery Dennison graphic film(s) within the ANZ region in outdoor vertical exposure conditions.

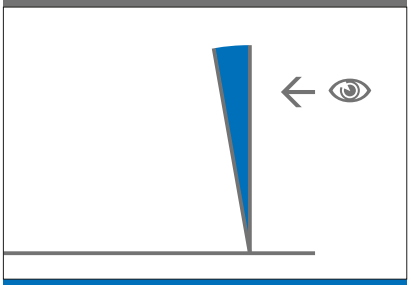
The actual performance life will depend on a variety of factors, including selection and preparation of substrate, angle and direction of exposure, application methods, environmental conditions and cleaning/maintenance of the films. In case of films used in areas of high temperatures or humidity, high altitudes and industrially polluted areas the performance will be further reduced.

Expected Durability and Warranted Period Definitions

Expected durability is the expected period of time defined in the product data sheet, the product should, but is not warranted to, perform satisfactorily when applied in vertical exposure conditions as defined in Instructional Bulletin 1.30. The warranted period communicated in this ICS Performance Guarantee Bulletin, is the maximum period of time Avery Dennison will warrant the finished products performance in accordance with ICS Performance Guarantee Terms and Conditions 1.0, provided that the film is properly stored, converted and installed in accordance with Avery Dennison guidelines.

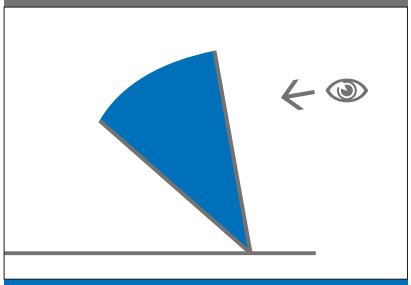
Angle and Direction of Exposure

Vertical exposure



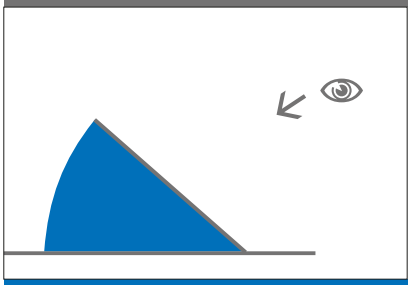
The face of the graphic is up to 10° from vertical.

Non-vertical exposure



The face of the graphic is between 10° to 45° from vertical. The durability as stated in this ICS performance guarantee document is reduced by 50% for non-vertical applications.

Horizontal exposure



The face of the graphic is between 45° and 90° from vertical. Horizontal applications are not warranted and do not have any expectations of durability, unless otherwise stated in this ICS performance guarantee.

Other Potential Durability Reductions

High elevations: In mountain areas UV damage is increased over exposures at sea level. This is due to the air being thinner and therefore damage of UV radiation increases significantly. Congested urban or industrial areas: Due to increased smog, pollutants and particulates in the atmosphere, applications of this kind have reduced durability expectations. Horizontal applications trap pollutants on the surface of the material, increasing the impact of UV exposure and reducing durability.

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Zone System Australia & New Zealand

Durability for regions located in Zone 2 may be stated in ICS Performance Guarantee Durability Bulletins and other warranty documents issued by Avery Dennison Australia and New Zealand. Therefore, films used in regions identified as Zone 3 will have a reduction of the stated durability by 40%. If the film is applied whereby a combination of non-vertical and Zone 3 exposure, the cumulative effect of the reduced exposures would apply. Therefore the non-vertical exposure in Zone 3 would be 70% less than the stated durability.

Zone and Non-Vertical Reduction Examples Australia and New Zealand

Zone 1		Zone 2 (values as in this ICS Bulletin)		Zone 3	
Vertical	Non-vertical	Vertical	Non-vertical	Vertical	Non-vertical
100%	-50% of Zone 1 Vertical	-30% Zone 1 Vertical	-50% Zone 2 Vertical	-40% Zone 2 Vertical	-70% of Zone 2 Vertical
7	3.5	5	2.5	3	1.5
5	2.5	3.5	1.75	2	1
4	2	3	1.5	1.75	0.75
3	1.5	2	1	1	-

Values in years

Zone chart

Zone 1

Tasmania.

Zone 2

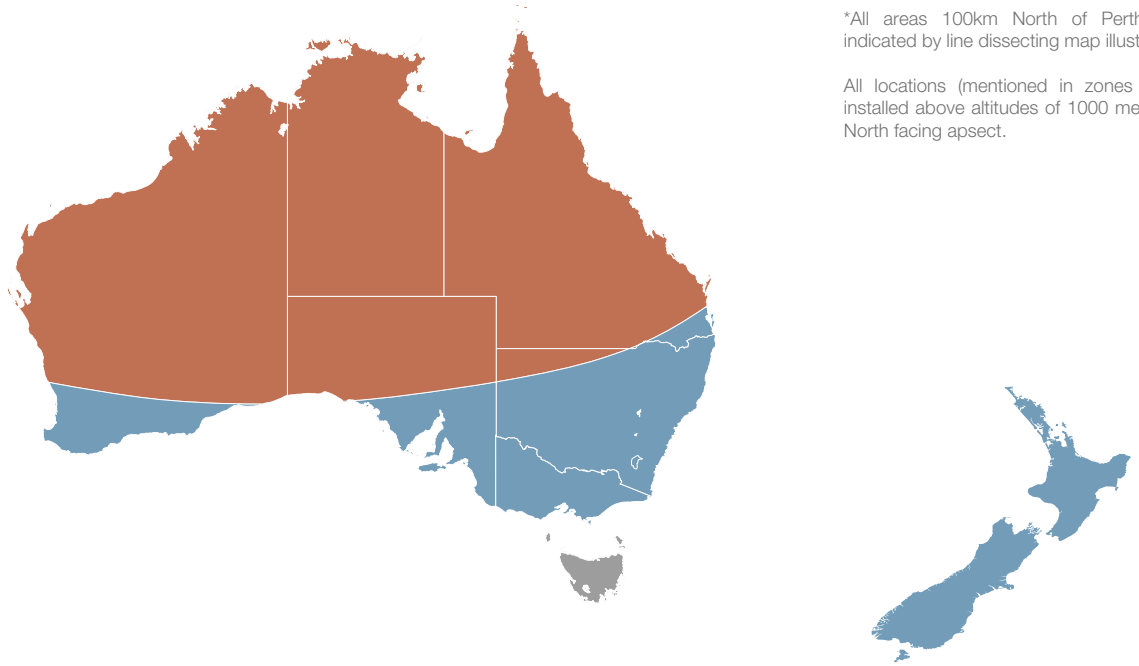
Adelaide, Albany, Brisbane*, Canberra, Coffs Harbour, Esperance, Melbourne, New Zealand, Perth*, Sydney.

Zone 3

Alice Springs, Broken Hill, Broome, Cairns, Carnarvon, Ceduna, Cook, Darwin, Dubbo, Geraldton, Kalgoorlie, Mackay, Mount Isa, Newman, Port Augusta, Port Hedland, Telfer, Townsville.

*All areas 100km North of Perth and Brisbane, indicated by line dissecting map illustration of Australia.

All locations (mentioned in zones 1 and 2) when installed above altitudes of 1000 meters or in a static North facing apsect.



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