



Avery Dennison® ICS Performance Guarantee Bulletin 1.8 - HP


ANZ Revision number: 12 Date: 06-2019

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 HP printers and inks;

| Equipment Manufacturer | Printer name | Ink series* | ICS number |
|---|----------------------|--------------------|------------|
|  | HP Designjet 25500 | HP 789 Latex | 1.8.1 |
| | HP Designjet 65500 | HP 786 Latex | 1.8.1 |
| | HP Latex 600 / 800 | HP LX 600 | 1.8.1 |
| | HP Latex 260 (26500) | HP 792 Latex | 1.8.1 |
| | HP Latex 280 (28500) | HP 792 Latex | 1.8.1 |
| | HP Latex 820 / 850 | HP LX 610 | 1.8.1 |
| | HP Latex 3000 / 3100 | HP 881 Latex | 1.8.1 |
| | HP Latex 300 Series | HP 831 Latex | 1.8.1 |
| | HP Latex 1500 | HP 881 Latex | 1.8.1 |
| | HP Latex 560 / 570 | HP 831 / 871 Latex | 1.8.1 |
| | HP Latex R Series | HP 882 Latex | 1.8.2 |



Avery Dennison® ICS Performance Guarantee

Bulletin 1.8.1 - HP

| Digital Inkjet Printed Graphics | | | Warranty period in years, Zone 2 | | | Warranty period in years, Zone 3 | | | Application Substrate | | | | | | |
|---|--------------------------------|----|----------------------------------|--------------------|--------------------|----------------------------------|--------------------|--------------------|-----------------------|--------|------|---------------|--------|-----------------|------------------------------|
| | | | 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 |
| Digital Print Media - MPI | Graphic Protection - DOL | | | | | | | | | | | | | | |
| 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.



Avery Dennison® ICS Performance Guarantee

Bulletin 1.8.2 - HP

| Digital Inkjet Printed Graphics | | | Warranty period in years, Zone 2 | | | Warranty period in years, Zone 3 | | | Application Substrate | | | | | |
|--|--------------------------------|--------------------------|----------------------------------|--------------------|-----------------|----------------------------------|--------------------|-----------------|-----------------------|------|---------------|--------|-----------------|------------------------------|
| | | 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 |
| Digital Print Media - MPI | | Graphic Protection - DOL | | | | | | | | | | | | |
| Premium Cast | | | | | | | | | | | | | | |
| MPI 1105 Easy Apply RS™ | Unprotected | 10 | - | - | - | - | - | - | - | • | • | • | • | • |
| | DOL 6460 High Gloss | | 5 | 2 | 2.5 | 3 | 1.5 | 1.5 | 8 | • | • | • | • | • |
| | DOL 1400Z Series | | 4 | - | 2 | 2.5 | - | 1 | 8 | • | • | • | • | • |
| | DOL 1000Z Series | | 4 | - | 2 | 2.5 | - | 1 | 8 | • | • | • | - | - |
| | DOL 4300 Anti-Graffiti | | 4 | - | 2 | 2.5 | - | 1 | 8 | • | - | - | - | - |
| High Performance Calendared | | | | | | | | | | | | | | |
| MPI 2105 Easy Apply RS™, MPI 2126 Hi Tack Easy Apply MPI 2000, MPI 2002, MPI 2112, MPI 2006 Hi Tack MPI 2120, MPI 2040, MPI 2041, MPI 2050 Translucent | Unprotected | 7 | - | - | - | - | - | - | - | • | • | - | - | - |
| | DOL 1000Z Series | | 4 | - | - | 2.5 | - | - | 7 | • | • | - | - | - |
| | DOL 2000 Series | | 3.5 | - | - | 2 | - | - | 6 | • | • | - | - | - |
| | DOL 4300 Anti-Graffiti | | 3.5 | - | - | 2 | - | - | 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 MPI 2920 Matte Series | Unprotected | 5 | - | - | - | - | - | - | - | • | • | - | - | - |
| | DOL 2000 Series | | 3 | - | - | 2 | - | - | 5 | • | • | - | - | - |
| | DOL 2800 Gloss, DOL 2900 Matte | | 2.5 | - | - | 1.5 | - | - | 4 | • | • | - | - | - |
| MPI 2800 Gloss Series | Unprotected | 5 | - | - | - | - | - | - | - | • | • | - | - | - |
| | DOL 2800 Gloss, DOL 2900 Matte | | 2 | - | - | 1 | - | - | 4 | • | • | - | - | - |
| Promotional Calendared | | | | | | | | | | | | | | |
| MPI 3000 PP Series, MPI 3021, MPI 3620 Quickmount MPI 3026 Supertack | Unprotected | 3 | - | - | - | - | - | - | - | • | - | - | - | - |
| | DOL 3000 Series | | 1.5 | - | - | 1 | - | - | 2 | • | - | - | - | - |
| MPI 3300 Stafat Series | Unprotected | 3 | - | - | - | - | - | - | - | • | - | - | - | - |
| | DOL 3000 Series | | 1 | - | - | 0.5 | - | - | 2 | • | - | - | - | - |
| Specialty | | | | | | | | | | | | | | |
| MPI Dusted Glass Easy Apply RS™ | Unprotected | 5 | - | - | - | - | - | - | - | • | - | - | - | - |
| | DOL 1000Z Series | | 3.5 | - | - | 2 | - | - | 7 | • | - | - | - | - |
| | DOL 2000 Series | | 3 | - | - | 1.5 | - | - | 6 | • | - | - | - | - |
| Reflective | | | | | | | | | | | | | | |
| V-4000 Premium Reflective White Films | Unprotected | 7 | - | - | - | - | - | - | - | • | • | • | • | - |
| | DOL 6460 High Gloss | | 5 | 2 | 2.5 | 2 | 1 | 1.5 | 8 | • | • | • | • | - |
| | DOL 1460Z High Gloss | | 4 | - | 2 | 2 | - | 1.5 | 8 | • | • | • | • | - |
| | DOL 1060Z Gloss | | 4 | - | 2 | 2 | - | 1.5 | 8 | • | • | • | - | - |
| V-8000 VisiFlex™ Hi Visibility Reflective White Films | Unprotected | 7 | - | - | - | - | - | - | - | • | • | - | - | - |
| | DOL 6460 High Gloss | | 5 | - | 2.5 | 2 | - | 1.5 | 8 | • | • | - | - | - |
| | DOL 1460Z High Gloss | | 4 | - | 2 | 2 | - | 1.5 | 8 | • | • | - | - | - |
| | DOL 1060Z Gloss | | 4 | - | 2 | 2 | - | 1.5 | 8 | • | • | - | - | - |
| Perforated Window Films | | | | | | | | | | | | | | |
| MPI 2509 PWF, MPI 2709 PWF | Unprotected | 3 | - | - | - | - | - | - | - | • | • | - | - | - |
| | DOL 6460 High Gloss | | 2 | - | - | 1.5 | - | - | - | • | • | - | - | - |
| | DOL 1060Z Gloss | | 1 | - | - | 0.5 | - | - | - | • | • | - | - | - |
| Floor Graphic System | | | | | | | | | | | | | | |
| MPI 3002PP, MPI 3041PP | DOL 3100 | | - | - | - | - | - | - | 6m | • | - | - | - | - |
| | DOL 6000 Floor Graphics | | - | - | - | - | - | - | 9m | • | - | - | - | - |

m = Warranty 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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Additional information on graphics durability

Expected Durability and Potential Durability Reductions

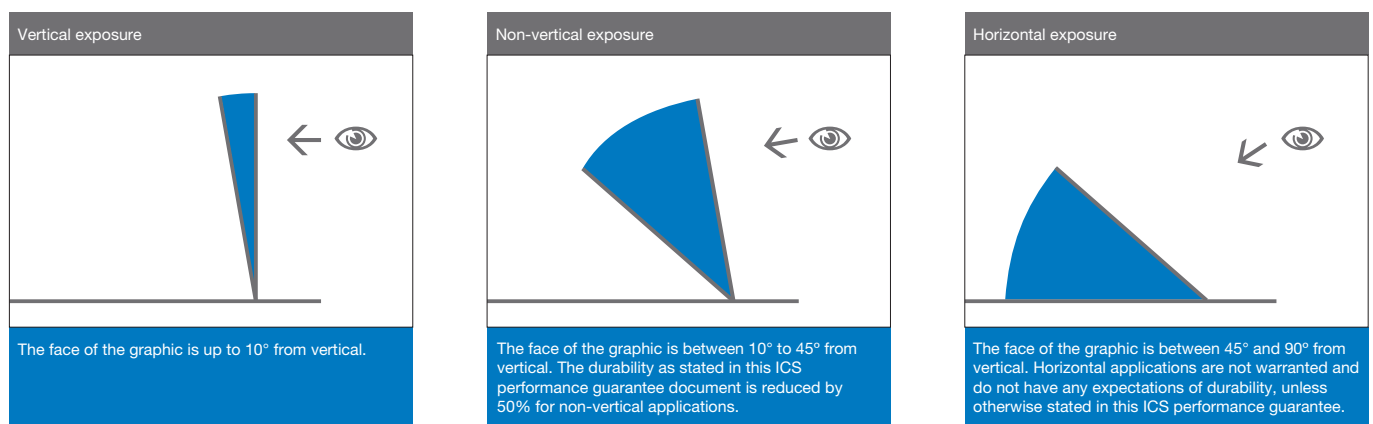
The expected durability of Avery Dennison films are defined as the expected performance life of the Avery Dennison graphic film(s) within the ANZ region in outdoor vertical exposure conditions.

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



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.



Avery Dennison® ICS Performance Guarantee

Additional information on graphics durability

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

