

### Product: Avery Dennison® MPI 3000 PP

Gloss White Promotional Vinyl Permanent



Graphics Solutions

**Category:** Sign, Display & Digital - Solvent, Latex, Eco Solvent, UV Inkjet

**Country of Origin:** USA

## Technical specifications:

### Features

- Excellent printability and handling through wide format printers
- Good outdoor durability and performance
- High gloss finish for superior appearance
- Easy application to a wide variety of substrates
- Good dimensional stability after application
- Excellent value for money for short term promotional graphics
- Excellent adhesion to most popular substrates

### Description



**Film:** 90 micron gloss white monomeric calendared vinyl



**Adhesive:** Permanent acrylic



**Backing:** One side coated Kraft paper, 125g/m<sup>2</sup>



**Outdoor life:** Up to 3 years (unprinted)

**Application surface:** Flat, simple curves

### Conversion<sup>+</sup>

- |                                               |                                                               |
|-----------------------------------------------|---------------------------------------------------------------|
| <input type="checkbox"/> Flat bed cutters     | <input type="checkbox"/> Cold overlaminating                  |
| <input type="checkbox"/> Friction fed cutters | <input type="checkbox"/> Electrostatic printing               |
| <input type="checkbox"/> Die cutting          | <input checked="" type="checkbox"/> <b>Latex inkjet</b>       |
| <input type="checkbox"/> Thermal transfer     | <input checked="" type="checkbox"/> <b>Eco solvent inkjet</b> |
| <input type="checkbox"/> Screen printing      | <input checked="" type="checkbox"/> <b>Solvent inkjet</b>     |
| <input type="checkbox"/> Offset printing      | <input checked="" type="checkbox"/> <b>UV curable inkjet</b>  |

<sup>+</sup>Always test with your combination of printer and inks prior to commercial use.

### Common Applications

- Billboards
- Real estate signs
- Point of purchase
- Outdoor advertising
- Indoor advertising
- Exhibition
- Windows

### Uses

Avery Dennison MPI 3000 PP is a gloss white promotional vinyl film designed for use in a wide range of short-term promotional and general signage applications where good outdoor durability and value for money is required.

## General

Calliper, face film	ISO 534	90 micron
Dimensional stability	DIN 30646	0.5 mm max
Opacity	ISO 2471	92%
Adhesion, initial	FINAT FTM-1, stainless steel	560 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	760 N/m
Flammability		Self extinguishing
Shelf life	Stored at 20-25 °C / 50-55 % RH	2 years
Durability **	Vertical exposure ^	Up to 3 years (unprinted)

^ See ICS Performance Guarantee Durability Bulletin for your specific printer and ink combination for further information

## 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

Durability is based on exposure conditions in the Asia Pacific region. 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 the southern hemisphere or south in the northern hemisphere; in areas of long high temperature exposure such as northern Australia; in industrially polluted areas or high altitudes, exterior performance will be decreased.

\*Compatible with most media and ink combinations. Test prior to use.

\*\*\*Information unavailable at time of printing.

## Thermal

Application temperature	Minimum: +10°C
Service temperature range	- 40°C to + 100°C

## Chemical

Resistant to most petroleum based oils, greases and aliphatic solvents  
Resistant to most mild acids, alkalies, and salts

## Note:

Materials have to be properly dried and cured before further processing, like laminating, varnishing, trimming, contour cutting or application. The residual solvents can otherwise change the products' specific features and properties.

## Test Methods

### Dimensional stability:

Is measured on a 150 x 150 mm aluminium panel to which a specimen has been applied; 72 hours after application the panel is exposed for 48 hours to + 70 °C, after which the shrinkage is measured.

### Adhesion:

(FTM-1, FINAT) is measured by peeling a specimen at a 180° angle from a stainless steel or float glass panel, 24 hours after the specimen has been applied under standardised conditions. Initial adhesion is measured 20 minutes after application of the specimen.

### Flammability:

A specimen applied to aluminium is subjected to the flame of a gas burner for 15 seconds. The film should stop burning within 15 seconds after removal from the flame.

### Temperature range:

A specimen applied to stainless steel is exposed at high and low temperatures and brought back to room temperature. 1 hour after exposure the specimen is examined for any deterioration. Note: Prolonged exposure to high and low temperatures in the presence of chemicals such as solvents, acids, dyes, etc. may eventually cause deterioration.

### Chemical Resistance:

All chemical tests are conducted with test panels to which a specimen has been applied. 72 hours after application the panels are immersed in the test fluid for the given test period. 1 hour after removing the panel from the fluid, the specimen is examined for any deterioration.

### Corrosion Resistance:

A specimen applied to aluminium is exposed to saline mist (5% salt) at 35°C. After exposure, the film is removed and the panel is examined for traces of corrosion.

## Product: Avery Dennison® MPI 3001 PP

Gloss White Promotional Vinyl Removable



Graphics  
Solutions

**Category: Sign, Display & Digital - Solvent, Latex, Eco Solvent, UV Inkjet**

## Technical specifications:

### Features

- Excellent printability and handling through wide format printers
- Good outdoor durability and performance
- High gloss finish for superior appearance
- Easy application to a wide variety of substrates
- Good dimensional stability after application
- Excellent value for money for short term promotional graphics
- Easy and clean removability with heat for up to 1 year

### Description



**Film:** 90 micron gloss white monomeric calendered vinyl



**Adhesive:** Removable acrylic  
**Removability:** up to 1 year



**Backing:** One side coated Kraft paper, 125g/m<sup>2</sup>



**Outdoor life:** Up to 3 years (unprinted)

**Application surface:** Flat, simple curves

### Conversion<sup>+</sup>

- |                                               |                                                               |
|-----------------------------------------------|---------------------------------------------------------------|
| <input type="checkbox"/> Flat bed cutters     | <input type="checkbox"/> Cold overlaminating                  |
| <input type="checkbox"/> Friction fed cutters | <input type="checkbox"/> Electrostatic printing               |
| <input type="checkbox"/> Die cutting          | <input checked="" type="checkbox"/> <b>Latex inkjet</b>       |
| <input type="checkbox"/> Thermal transfer     | <input checked="" type="checkbox"/> <b>Eco solvent inkjet</b> |
| <input type="checkbox"/> Screen printing      | <input checked="" type="checkbox"/> <b>Solvent inkjet</b>     |
| <input type="checkbox"/> Offset printing      | <input checked="" type="checkbox"/> <b>UV curable inkjet</b>  |

<sup>+</sup>Always test with your combination of printer and inks prior to commercial use.

### Common Applications

- Billboards
- Transit advertising
- Real estate signs
- Point of purchase
- Outdoor advertising
- Indoor advertising
- Exhibition
- Windows

### Uses

Avery Dennison MPI 3001 PP is a gloss white promotional vinyl film designed for use in a wide range of short-term promotional and general signage applications where good outdoor durability, removability and excellent print quality are required.

## General

Calliper, face film	ISO 534	90 micron
Calliper, face film & adhesive	ISO 534	112 micron
Dimensional stability	DIN 30646	0.5mm Max
Opacity	ISO 2471	92%
Adhesion, initial	FINAT FTM-1, stainless steel	300 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	360N/m
Removability ^^	Smooth OEM painted surfaces	Up to 1 year
Flammability		Self extinguishing
Shelf life	Stored at 20-25°C / 50-55 % RH	1 year
Durability **	Vertical exposure	Up to 3 years (unprinted)

^ See ICS Performance Guarantee Durability Bulletin for your specific printer and ink combination for further information

^^ Not removable when applied to nitrocellulose paints, fresh screen print inks, ABS, polystyrene & certain types of PVC

## Important

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## Warranty

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## \*\*Durability

Durability is based on exposure conditions in the Asia Pacific region. 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 the southern hemisphere or south in the northern hemisphere; in areas of long high temperature exposure such as northern Australia; in industrially polluted areas or high altitudes, exterior performance will be decreased.

+Compatible with most media and ink combinations. Test prior to use.

\*\*\*Information unavailable at time of printing.

## Thermal

Application temperature	Minimum: +10°C
Service temperature range	- 40°C to + 100°C

## Chemical

Resistant to most petroleum based oils, greases and aliphatic solvents

Resistant to most mild acids, alkalies and salts

## Note:

Materials have to be properly dried before further processing, like laminating, varnishing, trimming, contour cutting or application. The residual solvents can otherwise change the products' specific features and properties.

## Test Methods

### Dimensional stability:

Is measured on a 150 x 150 mm aluminium panel to which a specimen has been applied; 72 hours after application the panel is exposed for 48 hours to + 70°C, after which the shrinkage is measured.

### Adhesion:

(FTM-1, FINAT) is measured by peeling a specimen at a 180° angle from a stainless steel or float glass panel, 24 hours after the specimen has been applied under standardised conditions. Initial adhesion is measured 20 minutes after application of the specimen.

### Flammability:

A specimen applied to aluminium is subjected to the flame of a gas burner for 15 seconds. The film should stop burning within 15 seconds after removal from the flame.

### Temperature range:

A specimen applied to stainless steel is exposed at high and low temperatures and brought back to room temperature. 1 hour after exposure the specimen is examined for any deterioration. Note: Prolonged exposure to high and low temperatures in the presence of chemicals such as solvents, acids, dyes, etc. may eventually cause deterioration.

### Chemical Resistance:

All chemical tests are conducted with test panels to which a specimen has been applied. 72 hours after application the panels are immersed in the test fluid for the given test period. 1 hour after removing the panel from the fluid, the specimen is examined for any deterioration.

### Corrosion Resistance:

A specimen applied to aluminium is exposed to saline mist (5% salt) at 35°C. After exposure, the film is removed and the panel is examined for traces of corrosion.

## Product: Avery Dennison® MPI 3002 PP

Gloss White Blockout Promotional Vinyl Removable



Graphics Solutions

## Category: Sign, Display & Digital - Solvent, Latex, Eco Solvent, UV Inkjet

### Technical specifications:

#### Features

- Excellent printability and handling through wide format printers
- Good outdoor durability and performance
- High gloss finish for superior appearance
- Easy application to a wide variety of substrates
- Good dimensional stability after application
- Excellent value for money for short term promotional graphics
- Easy and clean removability with heat for up to 1 year
- Grey adhesive provides blockout performance

#### Description



**Film:** 90 micron gloss white monomeric calendered vinyl



**Adhesive:** Grey Removable acrylic  
**Removability:** Up to 1 year



**Backing:** One side coated Kraft paper, 125g/m<sup>2</sup>



**Outdoor life:** Up to 3 years (unprinted)

**Application surface:** Flat, simple curves

#### Conversion\*

- |                                               |                                                               |
|-----------------------------------------------|---------------------------------------------------------------|
| <input type="checkbox"/> Flat bed cutters     | <input type="checkbox"/> Cold overlaminating                  |
| <input type="checkbox"/> Friction fed cutters | <input type="checkbox"/> Electrostatic printing               |
| <input type="checkbox"/> Die cutting          | <input checked="" type="checkbox"/> <b>Latex inkjet</b>       |
| <input type="checkbox"/> Thermal transfer     | <input checked="" type="checkbox"/> <b>Eco solvent inkjet</b> |
| <input type="checkbox"/> Screen printing      | <input checked="" type="checkbox"/> <b>Solvent inkjet</b>     |
| <input type="checkbox"/> Offset printing      | <input checked="" type="checkbox"/> <b>UV curable inkjet</b>  |

\*Always test with your combination of printer and inks prior to commercial use.

#### Uses

Avery Dennison MPI 3002 PP is a gloss white promotional vinyl film designed for use in a wide range of short term promotional and general signage applications where blockout performance, removability and value for money is required.

#### Common Applications

- Billboards
- Real estate signs
- Point of purchase
- Outdoor advertising
- Indoor advertising
- Exhibition
- Windows

## General

Calliper, face film	ISO 534	90 micron
Dimensional stability	DIN 30646	0.3 mm max
Opacity	ISO 2471	99%
Adhesion, initial	FINAT FTM-1, stainless steel	225 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	400 N/m
Removability <sup>^</sup>	Smooth OEM painted surfaces	Up to 1 year
Flammability		Self extinguishing
Shelf life	Stored at 22° C/50-55 % RH	2 years
Durability <sup>**</sup>	Vertical exposure <sup>^^</sup>	Up to 3 years (unprinted)

<sup>^^</sup> See ICS Performance Guarantee Durability Bulletin for your specific printer and ink combination for further information

<sup>^</sup> Not removable when applied to nitrocellulose paints, fresh screen print inks, ABS, polystyrene & certain types of PVC

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## Warranty

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## \*\*Durability

Durability is based on exposure conditions in the Asia Pacific region. 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 the southern hemisphere or south in the northern hemisphere; in areas of long high temperature exposure such as northern Australia; in industrially polluted areas or high altitudes, exterior performance will be decreased.

\*Compatible with most media and ink combinations. Test prior to use.

\*\*\*Information unavailable at time of printing.

## Thermal

Application temperature	Minimum: +10°C
Temperature range	- 40°C to + 100°C

## Chemical

Resistant to most petroleum based oils, greases and aliphatic solvents

Resistant to most mild acids, alkalis, and salts

## Note:

Materials have to be properly dried and cured before further processing, like laminating, varnishing, trimming, contour cutting or application. The residual solvents can otherwise change the products' specific features and properties.

## Test Methods

### Dimensional stability:

Is measured on a 150 x 150 mm aluminium panel to which a specimen has been applied; 72 hours after application the panel is exposed for 48 hours to + 70°C, after which the shrinkage is measured.

### Adhesion:

(FTM-1, FINAT) is measured by peeling a specimen at a 180° angle from a stainless steel or float glass panel, 24 hours after the specimen has been applied under standardised conditions. Initial adhesion is measured 20 minutes after application of the specimen.

### Flammability:

A specimen applied to aluminium is subjected to the flame of a gas burner for 15 seconds. The film should stop burning within 15 seconds after removal from the flame.

### Temperature range:

A specimen applied to stainless steel is exposed at high and low temperatures and brought back to room temperature. 1 hour after exposure the specimen is examined for any deterioration. Note: Prolonged exposure to high and low temperatures in the presence of chemicals such as solvents, acids, dyes, etc. may eventually cause deterioration.

### Chemical Resistance:

All chemical tests are conducted with test panels to which a specimen has been applied. 72 hours after application the panels are immersed in the test fluid for the given test period. 1 hour after removing the panel from the fluid, the specimen is examined for any deterioration.

### Corrosion Resistance:

A specimen applied to aluminium is exposed to saline mist (5% salt) at 35°C. After exposure, the film is removed and the panel is examined for traces of corrosion.

## Product: Avery Dennison® MPI 3021

Matte White Promotional Vinyl Removable



Graphics  
Solutions

Category: Sign, Display & Digital - Solvent, Latex, Eco Solvent, UV Inkjet

## Technical specifications:

### Features

- Excellent printability and handling
- Good outdoor durability and performance
- Low glare matte finish
- Easy and clean removability for up to 1 year
- Excellent value for money for short term promotional graphics

### Description



**Film:** 95 micron matte white monomeric calendered vinyl



**Adhesive:** Removable acrylic  
**Removability:** Up to 1 year



**Backing:** One side coated Kraft paper, 140g/m<sup>2</sup>



**Outdoor life:** Up to 2 years (unprinted)

**Application surface:** Flat, simple curves

### Conversion\*

- |                                               |                                                               |
|-----------------------------------------------|---------------------------------------------------------------|
| <input type="checkbox"/> Flat bed cutters     | <input type="checkbox"/> Cold overlaminating                  |
| <input type="checkbox"/> Friction fed cutters | <input type="checkbox"/> Electrostatic printing               |
| <input type="checkbox"/> Die cutting          | <input checked="" type="checkbox"/> <b>Latex inkjet</b>       |
| <input type="checkbox"/> Thermal transfer     | <input checked="" type="checkbox"/> <b>Eco solvent inkjet</b> |
| <input type="checkbox"/> Screen printing      | <input checked="" type="checkbox"/> <b>Solvent inkjet</b>     |
| <input type="checkbox"/> Offset printing      | <input checked="" type="checkbox"/> <b>UV curable inkjet</b>  |

\*Always test with your combination of printer and inks prior to commercial use.

### Uses

Avery Dennison MPI 3021 is a matte white promotional vinyl film designed for use in a wide range of short term promotional applications where minimal glare, removability and value for money is required.

### Common Applications

- Billboards
- Real estate signs
- Indoor advertising
- Outdoor advertising
- Point of sale
- Display and exhibition

## General

Calliper, face film	ISO 534	95 micron
Dimensional stability	DIN 30646	0.3 mm max
Opacity	ISO 2471	92%
Adhesion, initial	FINAT FTM-1, stainless steel	225 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	400 N/m
Removability <sup>^</sup>	Smooth OEM painted surfaces	Up to 1 years
Flammability		Self extinguishing
Shelf life	Stored at 22° C/50-55 % RH	2 years
Durability <sup>**</sup>	Vertical exposure <sup>^^</sup>	Up to 2 years (unprinted)

<sup>^^</sup> See ICS Performance Guarantee Durability Bulletin for your specific printer and ink combination for further information

<sup>^</sup> Not removable when applied to nitrocellulose paints, fresh screen print inks, ABS, polystyrene & certain types of PVC

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All technical data is subject to change without prior notice.

## Warranty

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All Avery Dennison® 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

Durability is based on exposure conditions in the normal middle European and central North American regions. 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 the southern hemisphere or south in the northern hemisphere; in areas of long high temperature exposure such as northern Australia; in industrially polluted areas or high altitudes, exterior performance will be decreased. Please refer to Avery Dennison Instructional Bulletin 1.3 for definitions and reductions based on the 'Zone System'.

\*Compatible with most media and ink combinations. Test prior to use.

## Thermal

Application temperature	Minimum: > 0°C
Temperature range	- 40°C to + 100°C

## Chemical

Resistant to most petroleum based oils, greases and aliphatic solvents

Resistant to most mild acids, alkalies, and salts

## Note:

Materials have to be properly dried and cured before further processing, like laminating, varnishing, trimming, contour cutting or application. The residual solvents can otherwise change the products' specific features and properties.

## Test Methods

### Dimensional stability:

Is measured on a 150 x 150 mm aluminium panel to which a specimen has been applied; 72 hours after application the panel is exposed for 48 hours to + 70°C, after which the shrinkage is measured.

### Adhesion:

(FTM-1, FINAT) is measured by peeling a specimen at a 180° angle from a stainless steel or float glass panel, 24 hours after the specimen has been applied under standardised conditions. Initial adhesion is measured 20 minutes after application of the specimen.

### Flammability:

A specimen applied to aluminium is subjected to the flame of a gas burner for 15 seconds. The film should stop burning within 15 seconds after removal from the flame.

### Temperature range:

A specimen applied to stainless steel is exposed at high and low temperatures and brought back to room temperature. 1 hour after exposure the specimen is examined for any deterioration. Note: Prolonged exposure to high and low temperatures in the presence of chemicals such as solvents, acids, dyes, etc. may eventually cause deterioration.

### Chemical Resistance:

All chemical tests are conducted with test panels to which a specimen has been applied. 72 hours after application the panels are immersed in the test fluid for the given test period. 1 hour after removing the panel from the fluid, the specimen is examined for any deterioration.

### Corrosion Resistance:

A specimen applied to aluminium is exposed to saline mist (5% salt) at 35°C. After exposure, the film is removed and the panel is examined for traces of corrosion.



## Product: Avery Dennison® MPI 3041 PP

Gloss Clear Promotional Vinyl Removable



Graphics Solutions

**Category: Sign, Display & Digital - Solvent, Latex, Eco Solvent, UV Inkjet**

## Technical specifications:

### Features

- Excellent printability and handling
- Easy application to a wide variety of substrates
- Good dimensional stability
- Excellent value for money for short term promotional graphics
- Excellent transparency when applied to glass
- Excellent hassle free application using wet application method
- Easy and clean removability with heat for up to 1 year

### Description



**Film:** 100 micron transparent gloss monomeric calendered vinyl



**Adhesive:** Removable acrylic  
**Removability:** Up to 1 year



**Backing:** One side coated Kraft paper, 140g/m<sup>2</sup>



**Outdoor life:** Up to 3 years (unprinted)

**Application surface:** Flat, simple curves

### Conversion

- |                                               |                                                               |
|-----------------------------------------------|---------------------------------------------------------------|
| <input type="checkbox"/> Flat bed cutters     | <input type="checkbox"/> Cold overlaminating                  |
| <input type="checkbox"/> Friction fed cutters | <input checked="" type="checkbox"/> <b>Latex inkjet</b>       |
| <input type="checkbox"/> Die cutting          | <input checked="" type="checkbox"/> <b>Eco solvent inkjet</b> |
| <input type="checkbox"/> Thermal transfer     | <input checked="" type="checkbox"/> <b>Solvent inkjet</b>     |
| <input type="checkbox"/> Screen printing      | <input checked="" type="checkbox"/> <b>UV cured inkjet*</b>   |

### Common Applications

- Point of purchase
- Outdoor advertising
- Window graphics
- Indoor advertising
- Exhibition

### Uses

Avery Dennison MPI 3041 is a clear removable promotional vinyl film designed for use in a wide range of promotional applications where short term outdoor durability and value for money is required.

## General

Calliper, face film	ISO 534	100 micron
Dimensional stability	DIN 30646	0.5 mm max
Gloss	ISO 2813, 20°	60%
Adhesion, initial	FINAT FTM-1, stainless steel	320 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	400 N/m
Removability <sup>^</sup>	Smooth OEM painted surfaces	Up to 1 year
Flammability		Self extinguishing
Shelf life	Stored at 22° C/50-55 % RH	2 years
Durability <sup>**</sup>	Vertical exposure <sup>^^</sup>	Up to 3 years (unprinted)

<sup>^^</sup> See ICS Performance Guarantee Durability Bulletin for your specific printer and ink combination for further information

<sup>^</sup> Not removable when applied to nitrocellulose paints, fresh screen print inks, ABS, polystyrene & certain types of PVC

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## \*\*Durability

Durability is based on exposure conditions in the Asia Pacific region. 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 the southern hemisphere or south in the northern hemisphere; in areas of long high temperature exposure such as northern Australia; in industrially polluted areas or high altitudes, exterior performance will be decreased.

\*Compatible with most media and ink combinations. Test prior to use.

\*\*\*Information unavailable at time of printing.

## Thermal

Application temperature	Minimum: 0°C
Temperature range	- 40°C to + 100°C

## Chemical

Humidity resistance	120 hours exposure	No effect
Water resistance	48 hours immersion	No effect
Corrosion resistance	120 hours exposure	No contribution to corrosion
Solvent resistance	Applied to aluminium Exposed to oils, greases, aliphatic solvents, motor oils, heptane, kerosene and JP-4 fuel	No effect

## Note:

Materials have to be properly dried and cured before further processing, like laminating, varnishing, trimming, contour cutting or application. The residual solvents can otherwise change the products' specific features and properties.

## Test Methods

### Dimensional stability:

Is measured on a 150 x 150 mm aluminium panel to which a specimen has been applied; 72 hours after application the panel is exposed for 48 hours to + 70°C, after which the shrinkage is measured.

### Adhesion:

(FTM-1, FINAT) is measured by peeling a specimen at a 180° angle from a stainless steel or float glass panel, 24 hours after the specimen has been applied under standardised conditions. Initial adhesion is measured 20 minutes after application of the specimen.

### Flammability:

A specimen applied to aluminium is subjected to the flame of a gas burner for 15 seconds. The film should stop burning within 15 seconds after removal from the flame.

### Temperature range:

A specimen applied to stainless steel is exposed at high and low temperatures and brought back to room temperature. 1 hour after exposure the specimen is examined for any deterioration. Note: Prolonged exposure to high and low temperatures in the presence of chemicals such as solvents, acids, dyes, etc. may eventually cause deterioration.

### Chemical Resistance:

All chemical tests are conducted with test panels to which a specimen has been applied. 72 hours after application the panels are immersed in the test fluid for the given test period. 1 hour after removing the panel from the fluid, the specimen is examined for any deterioration.

### Corrosion Resistance:

A specimen applied to aluminium is exposed to saline mist (5% salt) at 35°C. After exposure, the film is removed and the panel is examined for traces of corrosion.