



**SIGN & DIGITAL  
PRODUCT CATALOGUE**

**For your creativity**

# LEGEND



**B1 certified**  
Fire safety regulation B1



**Permanent adhesive**  
Coated with permanent adhesive



**Removable adhesive**  
Coated with removable adhesive



**Opaque**  
Opaque printable media



**Transparent film**  
Transparent printable media  
Transparent protection film



**Translucent**  
Transluzent



**Glossy**  
Glossy finish



**Matt**  
Matt finish



**Mirror**  
Mirror effect finish



**Fluor**  
Fluorescent finish



**Eco-solvent inks**  
Printable with Eco-solvent inks



**Solvent inks**  
Printable with Solvent inks



**UV-curable inks**  
Printable with UV-curable inks



**Latex inks**  
Printable with Latex inks



**UV**  
UV-resistant



**Signs**  
Suitable for Signs



**Exhibitions**  
Suitable for Exhibitions



**Floorgraphics**  
Suitable for Floorgraphics



**Vehicles**  
Suitable for Vehicles





**KEMICA** is a leading, innovative manufacturer of high-quality digital printing media, sign making vinyls, laminating films and pressure sensitive adhesive tapes with a strong focus on advertising and display lettering.



# COMPANY & PRODUCT OVERVIEW

## Digital Printing Media

**DIGIT<sup>®</sup>**

**DIGIT<sup>®</sup> Air Free**

**TECFLOOR<sup>®</sup>**



The wide range of Digital Printing Media offers monomeric or polymeric vinyls designed to be highly resistant to solvent ink aggression during printing process and to guarantee very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The products are coated with high performance dispersion or solvent based acrylic adhesives and are suitable for mid- to longterm indoor and outdoor advertising and promotion. Particularly suitable for applications on flat, curved and slightly corrugated surfaces.

## Sign Making Vinyls

**TECMARK<sup>®</sup>**



The high quality coloured sign vinyls comprise a huge range of monomeric calandered vinyls in gloss and matt and polymeric gloss. The monomeric coloured vinyl is coated with an environmental friendly acrylic dispersion adhesive (semi-permanent). The polymeric coloured vinyl is coated with solvent based acrylic adhesive (permanent). Especially designed for vehicle lettering, decorating of windows, signs, etc. with excellent plotting, weeding and application characteristics. The ETCHED GLASS FILMS are for mid- to longterm window decoration and are coated with a solvent based pressure sensitive acrylic adhesive, enabling wet application. Designed to create sand blasting and frosty effects when applied on glasses or mirrors.

## Laminating Films

**TECLUX<sup>®</sup>**

**TECFLOOR<sup>®</sup>**



High quality laminating films, suitable for protection of digital prints and photos to avoid influences of UV, dirt and humidity. These specific products improve outdoor print duration and reduce fading and damage of the prints due to weather conditions. Floorgraphic films with anti-slip character and scratch resistant surface for mid- to longterm floor decoration and advertising.



## Application Tapes

**TECROLL®**



Application Tapes are designed for the quick and dimensionally stable transfer of computer-cut letters, logos and individual designs. The range comprises high performance Application Tapes on special papers or polyethylene films with an excellent flatness and conformability.

## Photomounting Tape

**TECROLL®**



TECROLL double-sided adhesive tape with a transparent PET-film carrier. It is coated with an acrylic dispersion adhesive. TECROLL photomounting tape is suitable for universal use. For example: Mounting of digital prints, photos and posters on various surface.

## KEMICA



KEMICA is a leading, innovative manufacturer of high-quality digital printing media, sign making vinyls, laminating films and pressure sensitive adhesive tapes with a strong focus on advertising and display lettering.



# MONOMERIC VINYLs

**DIGIT®**

**DIGIT® Air Free**

The comprehensive range of Digital Printing Media consists of monomeric and polymeric vinyls and it has been designed to be highly resistant to the influence of solvent inks. Excellent printing results with high resolution and rich colours have been accomplished with Solvent, ECO-solvent, UV and Latex digital printers.

## DIGIT 80 White Gloss P



Monomeric PVC (white gloss, 80 µm) with clear acrylic dispersion adhesive (permanent), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability and a good opacity. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 / 1600 mm x 50 m

## DIGIT 80 White Matt P



Monomeric PVC (white matt, 80 µm) with clear acrylic dispersion adhesive (permanent), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability and a good opacity. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 / 1600 mm x 50 m

## DIGIT 80 White Gloss Grey Adhesive P



Monomeric PVC (white gloss, 80 µm) with grey-coloured acrylic dispersion adhesive (permanent), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability and a good opacity. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 mm x 50 m \*

## DIGIT 80 White Matt Grey Adhesive P



Monomeric PVC (white matt, 80 µm) with grey-coloured acrylic dispersion adhesive (permanent), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability and a good opacity. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 mm x 50 m \*



Digit 80 / 100 products are coated with high-quality dispersion and solvent based acrylic adhesives and offer perfect flatness and dimensional stability. Particularly suitable for mid- to longterm indoor and outdoor advertising and for application on flat, curved and slightly corrugated surfaces.

#### DIGIT 80 Transparent Gloss Air Free Removable



Monomeric PVC (transparent gloss, 80 µm) with clear micro-structured acrylic dispersion adhesive (removable), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability and a good opacity. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 mm x 50 m \*

#### DIGIT 80 Transparent Matt Air Free Removable



Monomeric PVC (transparent matt, 80 µm) with clear micro-structured acrylic dispersion adhesive (removable), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability and a good opacity. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 mm x 50 m \*

#### DIGIT 100 White Gloss P



Monomeric PVC (white gloss, 100 µm) with clear acrylic dispersion adhesive (permanent), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability and a good opacity. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1270 / 1370 / 1550 / 1600 / 2000 mm x 50 m

#### DIGIT 100 White Matt P



Monomeric PVC (white matt, 100 µm) with clear acrylic dispersion adhesive (permanent), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability and a good opacity. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1270 / 1370 / 1550 / 1600 mm x 50 m

# MONOMERIC VINYL

## DIGIT 100 White Gloss R



Monomeric PVC (white gloss, 100 µm) with clear acrylic dispersion adhesive (removable), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability and a good opacity. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 / 1600 mm x 50 m

## DIGIT 100 White Matt R



Monomeric PVC (white matt, 100 µm) with clear acrylic dispersion adhesive (removable), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability and a good opacity. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 / 1600 mm x 50 m

## DIGIT 100 White Gloss Grey Adhesive P



Monomeric PVC (white gloss, 100 µm) with grey-coloured acrylic dispersion adhesive (permanent), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability and a good opacity. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 mm / 1600 x 50 m

## DIGIT 100 White Matt Grey Adhesive P



Monomeric PVC (white matt, 100 µm) with grey-coloured acrylic dispersion adhesive (permanent), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability and a good opacity. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 / 1600 mm x 50 m

## DIGIT 100 White Gloss Grey Adhesive R



Monomeric PVC (white gloss, 100 µm) with grey-coloured acrylic dispersion adhesive (removable), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability and a good opacity. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 mm x 50 m \*

## DIGIT 100 White Matt Grey Adhesive R



Monomeric PVC (white matt, 100 µm) with grey-coloured acrylic dispersion adhesive (removable), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability and a good opacity. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 mm x 50 m \*



### DIGIT 100 White Gloss Black Adhesive P



Monomeric PVC (white gloss, 100 µm) with black-coloured blockout acrylic dispersion adhesive (permanent), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability and has a block-out characteristic. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 mm x 50 m \*

### DIGIT 100 White Matt Black Adhesive P



Monomeric PVC (white matt, 100 µm) with black-coloured blockout acrylic dispersion adhesive (permanent), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability and has a block-out characteristic. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 mm x 50 m \*

### DIGIT 100 White Gloss Air Free Removable



Monomeric PVC (white gloss, 100 µm) with clear micro-structured acrylic dispersion adhesive (removable), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The special embossed micro-structured adhesive avoids any air bubble. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 mm x 50 m \*

### DIGIT 100 White Matt Air Free Removable



Monomeric PVC (white matt, 100 µm) with clear micro-structured acrylic dispersion adhesive (removable), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The special embossed micro-structured adhesive avoids any air bubble. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 mm x 50 m \*

### DIGIT 100 White Gloss HIGH TACK



Monomeric PVC (white gloss, 100 µm) with clear solvent based acrylic adhesive (permanent), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer with clear solvent based acrylic adhesive. The PVC offers a high dimensional stability. Suitable for hard-to-stick substrates, resistant to low-energy surfaces.

Sizes: 1050 / 1370 / 1550 mm x 50 m \*

### DIGIT 100 White Matt HIGH TACK



Monomeric PVC (white matt, 100 µm) with clear solvent based acrylic adhesive (permanent), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer with clear solvent based acrylic adhesive. The PVC offers a high dimensional stability. Suitable for hard-to-stick substrates, resistant to low-energy surfaces.

Sizes: 1050 / 1370 / 1550 mm x 50 m \*

# MONOMERIC VINYL

## DIGIT 100 White Gloss BLOCKOUT



Monomeric PVC (white gloss, 100 µm) with clear acrylic dispersion adhesive (permanent), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability and a very good opacity with blackout properties. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 mm x 50 m \*

## DIGIT 100 White Gloss BLOCKOUT Air Free



Monomeric PVC (white gloss, 100 µm) with clear micro-structured solvent based acrylic adhesive (permanent), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability and a very good opacity with blackout properties. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 mm x 50 m \*

## DIGIT 100P White Gloss Air Free



Monomeric PVC (white gloss, 100 µm) with clear micro-structured solvent based acrylic adhesive (permanent), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability and a good opacity. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 mm x 50 m \*

## DIGIT 100 White Matt BLOCKOUT



Monomeric PVC (white matt, 100 µm) with clear acrylic dispersion adhesive (permanent), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability and a very good opacity with blackout properties. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 mm x 50 m \*

## DIGIT 100 White Matt BLOCKOUT Air Free



Monomeric PVC (white matt, 100 µm) with clear micro-structured solvent based acrylic adhesive (permanent), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability and a very good opacity with blackout properties. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 mm x 50 m \*

## DIGIT Transparent Gloss / Matt P



Monomeric PVC (transparent gloss / matt, 80 µm) with clear acrylic dispersion adhesive (permanent), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 / 1600 mm x 50 m

# CLING FILMS POLYMERIC VINYLs

## CLING FILMS

**Electrostatic monomeric PVC films** (150µm) especially suitable for short-term advertising on smooth and polished surfaces. The electrostatic films specially developed for use on shop windows.

### DIGIT 150 Cling White Gloss



Monomeric, electrostatic PVC (white gloss, 150 µm), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability. Especially designed for short-term window decoration.

Sizes: 1000 / 1370 mm x 50 m

### DIGIT 150 Cling Transparent Gloss



Monomeric, electrostatic PVC (transparent gloss, 150 µm), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability. Especially designed for short-term window decoration.

Sizes: 1000 / 1370 mm x 50 m

**DIGIT®**

**DIGIT® Air Free**

Calendered polymeric vinyls designed to be highly resistant to solvent ink aggression during printing process and to guarantee very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. DIGIT 75 products are coated with high performance solvent based acrylic adhesives and are suitable for mid- to longterm indoor and outdoor advertising and promotion.

### DIGIT 75P White Gloss



Polymeric PVC (white gloss, 75 µm) with grey-coloured solvent based acrylic adhesive (permanent), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability, low shrinkage and a good opacity. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 / 1600 mm x 50 m

### DIGIT 75P Translucent



Polymeric PVC (translucent, 75 µm) with clear solvent based acrylic adhesive (permanent), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability and low shrinkage characteristics. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 mm x 50 m \*



# POLYMERIC VINYL

## DIGIT 75P Transparent Gloss



Polymeric PVC (transparent gloss, 75 µm) with clear solvent based acrylic adhesive (permanent), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability and low shrinkage characteristics. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 / 1600 mm x 50 m

## DIGIT 75P Transparent Matt



Polymeric PVC (transparent matt, 75 µm) with clear solvent based acrylic adhesive (permanent), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability and low shrinkage characteristics. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 mm x 50 m \*

## DIGIT 75P White Gloss HIGH TACK



Polymeric PVC (white gloss, 75 µm) with clear solvent based acrylic adhesive (permanent), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability. Suitable for hard-to-stick substrates, resistant to low-energy surfaces. For long term application.

Sizes: 1050 / 1370 / 1550 mm x 50 m \*

## DIGIT 75P White Matt HIGH TACK



Polymeric PVC (white matt, 75 µm) with clear solvent based acrylic adhesive (permanent), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The PVC offers a high dimensional stability. Suitable for hard-to-stick substrates, resistant to low-energy surfaces. For long term application.

Sizes: 1050 / 1370 / 1550 mm x 50 m \*

## DIGIT 75P White Gloss Air Free



Polymeric PVC (white gloss, 75 µm) with grey-coloured micro-structured solvent based acrylic adhesive (permanent), offering very good printing performance on any Solvent / ECO-Solvent, Latex and UV curable based inkjet printer. The special embossed micro-structured adhesive avoids any air bubble and reduces the time required for application. Low shrinkage characteristics.

Sizes: 1050 / 1370 / 1550 mm x 50 m \*

# CAST VINYL



**DIGIT®**

**DIGIT® Air Free**

Cast PVC Films have been designed to be highly resistant to the influence of solvent inks and offer excellent printing results with high resolution and rich colours on all Solvent, ECO-Solvent, Latex and UV digital printer. The films are suitable for long-term outside application, especially for full car wrapping.

## DIGIT CAST 50 White Gloss PG



Cast PVC Film, white (gloss, 50 µm) with a grey solvent acrylic adhesive (permanent / repositionable). The PVC film offers an excellent dimensional stability on corrugated areas (3D) and on rivets. Designed for long-term outdoor applications such as full car wrapping the product offers very good printing performance on any Solvent / ECO-Solvent, Latex and UV-curable based inkjet printers.

**Sizes: 1370 / 1525 mm x 50 m**

## DIGIT CAST 50 White Gloss PG Air Free



Cast PVC Film, white (gloss, 50 µm) with a grey solvent acrylic adhesive (permanent / repositionable). The PVC film offers an excellent dimensional stability especially in corrugated areas and on rivets. The air free technology enables a bubble-free, easy and quick application of particularly large graphics. Designed for long-term outdoor applications such as full car wrapping. The film offers very good printing performance on any Solvent / ECO-Solvent, Latex and UV-curable based inkjet printers.

**Sizes: 1370 / 1525 mm x 50 m**

## TECLUX CAST 40



Cast PVC film, transparent (gloss, 40 µm) coated with an ultra-clear solvent acrylic adhesive (permanent). In combination with Digit Cast 50 suitable for full car wrapping applications. Laminating films suitable for the protection of digital prints and images against any influences from UV, dirt, humidity and mechanical abrasion. TECLUX improves outdoor endurance and reduces fading and damage of the printed image.

**Sizes: 1370 / 1525 mm x 50 m**

## TECLUX CAST 41



Cast PVC film, transparent (matt, 40 µm) coated with an ultra-clear solvent acrylic adhesive (permanent). In combination with DIGIT CAT 50 suitable for full car wrapping applications. Laminating films suitable for the protection of digital prints and images against any influences from UV, dirt, humidity and mechanical abrasion. TECLUX improves outdoor endurance and reduces fading and damage of the printed image.

**Sizes: 1370 / 1525 mm x 50 m**

# FLOORGRAPHIC FILMS



## TECFLOOR®

Floorgraphic films with anti-slip character and scratch resistant surface for mid- to longterm floor decoration and advertising.

### TECFLOOR 200



Embossed monomeric PVC (transparent matt, 120 µm) with a clear acrylic dispersion adhesive (permanent). The PVC offers an excellent dimensional stability. Especially designed for floorgraphic applications with anti-slip character and scratch resistant surface for mid-term floor decoration and advertising (airports, railway stations, shopping centers).

Sizes: 1050 / 1370 / 1550 mm x 50 m

Testing of floorcoverings in accordance with **DIN 51130 Class R9**, slip resistance "Ramp Test".

Certificate

### TECFLOOR 400



Embossed monomeric PVC (transparent matt, 170 µm) with a clear solvent based acrylic adhesive (permanent). The PVC offers an excellent dimensional stability. Especially designed for floorgraphic applications with anti-slip character and scratch resistant surface for mid-term floor decoration and advertising (airports, railway stations, shopping centers).

Sizes: 1050 / 1370 / 1550 mm x 50 m

Testing of floorcoverings in accordance with **DIN 51130 Class R9**, slip resistance "Ramp Test".

Certificate

### TECFLOOR 500 Printable



Embossed monomeric PVC (white matt, 170 µm) with a clear solvent based acrylic adhesive (permanent). Directly printable with Solvent / ECO-Solvent, Latex and UV curable based inkjet printers. Especially designed for floorgraphic applications with anti-slip character and scratch resistant surface for short-term floor decoration and advertising (airports, railway stations, shopping centers).

Sizes: 1050 / 1370 / 1550 mm x 50 m

Testing of floorcoverings in accordance with **DIN 51130 Class R9**, slip resistance "Ramp Test".

Certificate

### TECFLOOR 800



Embossed polycarbonate (transparent matt, 125 µm) with a clear solvent based acrylic adhesive (permanent). The polycarbonate offers an excellent dimensional stability. Especially designed for floorgraphic applications with anti-slip character and scratch resistant surface for mid- to longterm floor decoration and advertising (airports, railway stations, shopping centers).

Sizes: 1220 mm x 50 m

Testing of floorcoverings in accordance with **DIN 51130 Class R9**, slip resistance "Ramp Test".

Certificate



# LAMINATING FILMS



## TECLUX®

High quality laminating films, suitable for protection of digital prints and photos to avoid influences of UV, dirt and humidity. These specific products improve outdoor print duration and reduce fading and damage of the prints due to weather conditions.

### TECLUX 200 Gloss / Matt



Monomeric PVC (transparent gloss / matt, 80 µm) with an ultra clear acrylic dispersion adhesive (permanent), which is suitable for protection of digital prints and photos to avoid influence of UV, dirt and humidity. TECLUX 200 improves outdoor print duration and reduces fading and damage of the prints due to weather conditions. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 / 1600 mm x 50 m

### TECLUX 250 UV GLOSS



Monomeric PVC ( transparent gloss, 80µm), coated with a special designed ultra clear, strong tack acrylic dispersion adhesive (permanent), which is suitable for protection of digital UV-prints to avoid influence of UV, dirt and humidity. TECLUX 250 improves print duration and reduces fading and damage of the prints due to weather conditions. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1372 / 1550 / 1600 mm x 50 m

### TECLUX 400 Gloss / Matt



Monomeric PVC (transparent gloss / matt, 80 µm) with an ultra clear solvent based acrylic adhesive (permanent), which is suitable for protection of digital prints and photos to avoid influence of UV, dirt and humidity. This high quality laminating film is equipped with UV-absorbers. TECLUX 400 improves outdoor print duration and reduces fading and damage of the prints due to weather conditions. Particularly suitable for application on flat and slightly curved surfaces.

Sizes: 1050 / 1370 / 1550 mm x 50 m \*

### TECLUX 600 Gloss



Polyester film (transparent gloss, 23 µm) with an ultra clear solvent based acrylic adhesive (permanent), which is suitable for protection of digital prints and photos to avoid influence of UV, dirt and humidity. TECLUX 600 Gloss improves outdoor print duration and reduces fading and damage of the prints due to weather conditions. Due to the good resistance to solvents it can be successfully used as „anti-graffiti“ film. Particularly suitable for application on flat, curved and slightly corrugated surfaces.

Sizes: 1050 / 1370 / 1550 mm x 50 m

# LAMINATING FILMS



## TECLUX 610 Gloss



Polyester film (transparent gloss, 36 µm) with an ultra clear solvent based acrylic adhesive (permanent). TECLUX 610 Gloss improves outdoor print duration and reduces fading and damage of the prints due to weather conditions. Due to the good resistance to solvents it can be successfully used as „anti-graffiti“ film. Particularly suitable for application on flat, curved and slightly corrugated surfaces.

Sizes: 1050 / 1370 / 1550 mm x 50 m

## TECLUX 620 Gloss



Polyester film (transparent gloss, 23 µm) with an ultra clear solvent based acrylic adhesive (permanent) and a 50 µm PET liner for a ultra high gloss and transparent finish. TECLUX 620 Gloss improves outdoor print duration and reduces fading and damage of the prints due to weather conditions. Due to the good resistance to solvents it can be successfully used as „anti-graffiti“ film. Particularly suitable for application on flat, curved and slightly corrugated surfaces.

Sizes: 1050 / 1370 / 1550 mm x 50 m

## TECLUX 636 Gloss



Polyester film (transparent gloss, 36 µm) with an ultra clear solvent based acrylic adhesive (permanent) and a 50µm PET liner for an ultra high gloss and transparent finish. TECLUX 636 Gloss improves outdoor print duration and reduces fading and damage of the prints due to weather conditions. Due to the good resistance to solvents it can be successfully used as „anti-graffiti“ film. Particularly suitable for application on flat, curved and slightly corrugated surfaces.

Sizes: 1050 / 1370 / 1550 mm x 50 m

## TECLUX 800 Gloss / Matt



Polymeric PVC (transparent gloss, 75 µm) with an ultra clear solvent based acrylic adhesive (permanent). This high quality laminating film increases image brightness. TECLUX 800 Gloss improves outdoor print duration and reduces fading and damage of the prints due to weather conditions. Particularly suitable for application on flat, curved and slightly corrugated surfaces.

Sizes: 1050 / 1370 / 1550 mm x 50 m \*

## TECLUX 900 Ultraclear Gloss



Monomeric PVC (ultraclear gloss, 80 µm) with an ultra clear acrylic dispersion adhesive (permanent), which is suitable for protection of digital prints and photos to avoid influence of UV, dirt and humidity. Suitable for outdoor digital and silo screen printing media for signage display, vehicle graphics, airport and subway graphics application. Especially suitable for smooth as well as slightly curved surfaces.

Sizes: 1050 / 1370 / 1520 mm x 50 m \*

# LAMINATING FILMS



**TECLUX®**



**ANTIBACTERIAL  
ANTIVIRAL**

PROTECTION FILMS FOR YOUR HEALTH AND SAFETY.

TECLUX HEALTH PROTECT films have been especially developed to cover surfaces and provide an antimicrobial and antiviral protection.

## TECLUX 350 HEALTH PROTECT Gloss



Monomeric PVC (transparent gloss, 80 µm) with an ultra clear solvent acrylic adhesive (permanent), which is suitable to cover flat and slightly curved surfaces such as tables, chairs, counters, smooth walls etc. and provides an antimicrobial and antiviral protection.

**Size: 1370 mm x 50 m**

TECLUX HEALTH PROTECT products resist to the cleaning procedure for 50 simulated intensive washing cycles for weekly cleaning, 50 weeks of ageing with disinfectant recommended by WHO against "Corona Virus" SARS.

The efficiency of TECLUX HEALTH PROTECT products has been tested in an ISO laboratory according to the international standard ISO 22196. The antibacterial pvc was studied in order to reduce for 99,99 % the microbes, according to good procedures of hygiene and cleaning.

The antiviral activity of TECLUX HEALTH PROTECT films has been positively tested according to the DESIN-5510 method (based on

## TECLUX 950 HEALTH PROTECT Gloss



Polymeric PVC (transparent gloss, 75 µm) with an ultra clear solvent acrylic adhesive (permanent). Particularly suitable for application on flat, curved and slightly corrugated surfaces such as door knobs, stair railings, handrails etc. and provides an antimicrobial and antiviral protection.

**Size: 1370 mm x 30 / 50 m**

ISO 21702:2019 and NF EN 14476:2013 and A2:2019 standard guidelines) with the CORONA VIRUS 229E CROWN ATCC VR-740.

We confirm that TECLUX HEALTH PROTECT products resist to:

- Escherichia coli ATCC 8739
- Enterococcus faecalis ATCC 29212
- Listeria monocytogenes ATCC 13932
- Klebsiella pneumonia ATCC 4352
- Staphylococcus aureus ATCC 6538
- Pseudomonas aeruginosa ATCC 27853
- Salmonella enteric ATCC 14028
- Staphylococcus aureus Methicillin resistant ATCC 33591
- Legionella pneumophila





# ETCHED GLASS FILMS ONE WAY VISION



## TECMARK®

Polymeric, translucent etched glass films (80 µm) for mid- to longterm window decoration. Coated with a solvent based pressure sensitive acrylic adhesive, enabling wet application. Especially designed to create sand blasting and frosty effects when applied on glasses or mirrors. Additionally printable with Solvent / ECO-Solvent, Latex and UV curable based inkjet printers.

### TECMARK 5052 Silver Frosty



Polymeric PVC (translucent, 80 µm) with clear solvent based acrylic adhesive (permanent), enabling wet application. Especially designed to create sand blasting and frosty effects when applied on glasses and mirrors. The PVC offers an excellent dimensional stability and is suitable for mid- to longterm window decoration. Additionally printable with Solvent / ECO-Solvent, Latex and UV curable based inkjet printers.

Sizes: 1220 / 1370 / 1550 mm x 50 m

### TECMARK 5053 Dusty



Monomeric PVC (translucent matt, 80 µm) with clear solvent based acrylic adhesive (permanent), enabling wet application. Especially designed to create sand blasting effect when applied on glasses and mirrors. The PVC offers an excellent dimensional stability and is suitable for mid- to longterm window decoration. Additionally printable with Solvent / ECO-Solvent, Latex and UV curable based inkjet printers.

Sizes: 1220 / 1370 / 1550 mm x 50 m

### TECMARK 5055 Silver Frosty Air Free



Polymeric PVC (translucent, 80 µm) with clear micro-structured solvent based acrylic adhesive (permanent), enabling wet application. Especially designed to create sand blasting and frosty effects for mid- to longterm glass decoration. Additionally printable with Solvent and ECO-Solvent based inkjet printers. The special embossed micro-structured adhesive avoids any air bubbles, reducing the time required for the application on the substrate.

Sizes: 1220 / 1370 / 1550 mm x 50 m

### DIGIT One Way Vision



One Way Vision Vinyl (white gloss, 160 µm) with clear solvent based acrylic adhesive (removable), offering very good printing performance on any Solvent and ECO-Solvent based inkjet printer. The PVC offers a high dimensional stability and is suitable for applications on flat glass surface. Especially designed for decoration of car windows, public vehicles windows and shop windows showing the printed surface outside, but allowing a good see-through from the inside.

Sizes: 1370 / 1520 mm x 50 m

# APPLICATION TAPES PHOTOMOUNTING TAPE



**TECROLL®**

Application Tapes are designed for the quick and dimensionally stable transfer of computer-cut letters, signs and logos to the final surface of application. The range comprises high performance Application Tapes on special papers or polyethylene films with an excellent flatness and conformability.

## TECROLL 3100 T/HT

Application Tape Film (polyethylene film, 100 µm) for the quick and dimensionally stable transfer of computer-cut letters, signs and logos to the final surface of application. The special adhesive coating with structured surface guarantees an easy removal of the Application Tape. The film transparency allows perfect positioning.

Sizes: 1000 / 1220 mm x 100 m

## TECROLL 3150 T/HT

Application Tape Film (polyethylene film, 150 µm) for the quick and dimensionally stable transfer of computer-cut letters, signs and logos to the final surface of application. The special adhesive coating with structured surface guarantees an easy removal of the Application Tape. The film transparency allows perfect positioning.

Sizes: 1000 / 1220 mm x 100 m

**EASY RELEASE**

## TECROLL 143 AT

Application Tape Paper (High Tack) with EASY RELEASE properties for the quick and dimensionally stable transfer of computer-cut letters, signs and logos to the final surface of application. The good planarity of the paper after pressing allows a very good "see-through".

Sizes: 1000 / 1220 mm x 91,4 m / 100 m

## TECROLL 800 D/S

Double-sided transparent adhesive tape (polyester film, 23 µm) coated with a modified acrylic adhesive for mounting of digital prints, photos and posters on various surfaces. TECROLL 800 D/S is covered with a 90 g/m<sup>2</sup> silicone-paper (white) on both sides. The acrylic adhesive has an excellent resistance against UV, aging and humidity.

Sizes: 1050 / 1370 / 1550 mm x 50 m

# COLOURED SIGN VINYL

**TECMARK®**

High quality monomeric PVC (70 µm, glossy/matt), coated with an environmental friendly acrylic dispersion pressure sensitive adhesive (semi-permanent). A perfect glossy/matt face film in addition to high flexibility and conformability make the product suitable also for non-smooth surfaces.

## TECMARK 3000 GLOSS



|                          |                 |                 |                   |                   |                   |                  |
|--------------------------|-----------------|-----------------|-------------------|-------------------|-------------------|------------------|
| 3000 White               | 3018 Orange     | 3026 Dark Red   | 3035 Olympic Blue | 3039 Aqua Green   | 3042 Forest Green | 3002 Gold        |
| 3001 Black               | 3019 Orange Red | 3028 Burgundy   | 3033 Blue         | 3038 Turquoise    | 3007 Brown        | 3008 Silver      |
| 3010 Light Yellow        | 3021 Cherry Red | 3004 Pink       | 3036 Medium Blue  | 3044 Light Green  | 3052 Grey White   | 3060 Transparent |
| 3011 Medium Light Yellow | 3023 Fire Red   | 3006 Violet     | 3037 Traffic Blue | 3040 Apple Green  | 3051 Grey         |                  |
| 3015 Bright Yellow       | 3025 Tomato Red | 3031 Light Blue | 3030 Vivid Blue   | 3045 Bright Green | 3050 Dark Grey    |                  |
| 3014 Dark Yellow         | 3022 Medium Red | 3032 Sky Blue   | 3034 Ultramarine  | 3041 Green        | 3003 Beige        |                  |

**Outdoor durability: 3 years    Sizes: 1220 mm x 50 m**





Especially designed for vehicle lettering, decorating of windows, signs, etc. with excellent plotting, weeding and application characteristics.

## TECMARK 3100 MATT



3100 White



3118 Orange



3104 Pink



3136 Medium Blue



3140 Apple Green



3150 Dark Grey



3101 Black



3119 Orange Red



3106 Violet



3135 Deep Blue



3142 Bright Green



3103 Beige



3113 Yellow Lemon



3122 Red



3132 Soft Blue



3137 Dark Blue



3141 Green



3102 Golden Star



3115 Yellow



3125 Tomato Red



3133 Blue



3139 Aqua Green



3143 Dark Green



3108 Silver Star



3116 Deep Yellow



3126 Dark Red



3134 Ultramarine



3138 Turquoise



3152 Grey White



3160 Transparent



3114 Dark Yellow



3128 Burgundy



3130 Vivid Blue



3144 Light Green



3151 Light Grey



Outdoor durability: 3 years Sizes: 1220 mm x 50 m

# COLOURED SIGN VINYL

**TECMARK®**

TECMARK 5000 Series are high quality polymeric calendered 70 µm vinyl, glossy, coated with a solvent acrylic pressure sensitive adhesive (permanent). A perfect glossy face film in addition to high flexibility and conformability make the product suitable also for non-smooth surfaces. Especially designed for vehicle lettering, decorating of windows, signs, etc. with excellent plotting, weeding and application characteristics.

## TECMARK 5000 GLOSS



5000 White



5038 Signal Blue



5051 Cool Grey



5002 Gold



5001 Black



5034 Ultramarine



5063 Pale Grey



5008 Silver



5015 Yellow



5044 Light Green



5062 Grey



5025 Tomato Red



5041 Green



5007 Brown



5026 Dark Red



5043 Dark Green



5070 White Pearl



5030 Vivid Blue



5042 Forrest Green



**Outdoor durability: 5-7 years    Sizes: 1220 mm x 50 m**



**TECMARK®**

TECMARK 600 MIRROR is a self-adhesive metal-effect-film available in gold and silver, suitable for the exclusive decoration of signs, glass and other flat surfaces. TECMARK 600 MIRROR is very easy to adhere and has an outside resistance of three to five years.

## TECMARK 600 MIRROR



600 Silver



601 Gold



High quality monomeric PET film (25 µm, mirror effect)

Outdoor durability: 3-5 years

Sizes: 1000 mm x 50 m

The fluorescent TECMARK FLUOR series is particularly suitable for advertising and lettering with high signaling effect. This self-adhesive glowing film in yellow, green and red features a specifically high and long-lasting illuminating power. Therefore it's predestined for eye-catching advertising messages, letterings and orientation plans that demand a strong signaling effect.

## TECMARK FLUOR



5018 Neon Orange



5014 Neon Yellow



5039 Neon Green







High quality monomeric PVC film (110 µm, fluorescent)

Outdoor durability: 1 year

Sizes: 1220 mm x 50 m

# APPLICATION INSTRUCTIONS

| Product   | Face Film |             |                |        |           | Adhesive           |                |                            |
|---|-----------|-------------|----------------|--------|-----------|--------------------|----------------|----------------------------|
| MONOMERIC VINYLs for short to midterm indoor and outdoor advertising on flat and slightly curved surfaces                   |           |             |                |        |           |                    |                |                            |
| DIGIT 80 White Gloss P  | 80 µm     | white       | calendered PVC | glossy | monomeric | acrylic dispersion | clear          | permanent                  |
| DIGIT 80 White Matt P   | 80 µm     | white       | calendered PVC | matt   | monomeric | acrylic dispersion | clear          | permanent                  |
| DIGIT 80 White Gloss Grey Adhesive P  | 80 µm     | white       | calendered PVC | glossy | monomeric | acrylic dispersion | grey-coloured  | permanent                  |
| DIGIT 80 White Matt Grey Adhesive P   | 80 µm     | white       | calendered PVC | matt   | monomeric | acrylic dispersion | grey-coloured  | permanent                  |
| DIGIT 80 Transparent Gloss Air Free Removable   | 80 µm     | transparent | calendered PVC | glossy | monomeric | acrylic dispersion | clear          | removable                  |
| DIGIT 80 Transparent Matt Air Free Removable  | 80 µm     | transparent | calendered PVC | matt   | monomeric | acrylic dispersion | clear          | removable                  |
| DIGIT 100 White Gloss P   | 100 µm    | white       | calendered PVC | glossy | monomeric | acrylic dispersion | clear          | permanent                  |
| DIGIT 100 White Matt P  | 100 µm    | white       | calendered PVC | matt   | monomeric | acrylic dispersion | clear          | permanent                  |
| DIGIT 100 White Gloss R   | 100 µm    | white       | calendered PVC | glossy | monomeric | acrylic dispersion | clear          | removable                  |
| DIGIT 100 White Matt R  | 100 µm    | white       | calendered PVC | matt   | monomeric | acrylic dispersion | clear          | removable                  |
| DIGIT 100 White Gloss Grey Adhesive P   | 100 µm    | white       | calendered PVC | glossy | monomeric | acrylic dispersion | grey-coloured  | permanent                  |
| DIGIT 100 White Matt Grey Adhesive P  | 100 µm    | white       | calendered PVC | matt   | monomeric | acrylic dispersion | grey-coloured  | permanent                  |
| DIGIT 100 White Gloss Grey Adhesive R   | 100 µm    | white       | calendered PVC | glossy | monomeric | acrylic dispersion | grey-coloured  | removable                  |
| DIGIT 100 White Matt Grey Adhesive R  | 100 µm    | white       | calendered PVC | matt   | monomeric | acrylic dispersion | grey-coloured  | removable                  |
| DIGIT 100 White Gloss Black Adhesive P  | 100 µm    | white       | calendered PVC | glossy | monomeric | acrylic dispersion | black-coloured | permanent                  |
| DIGIT 100 White Matt Black Adhesive P   | 100 µm    | white       | calendered PVC | matt   | monomeric | acrylic dispersion | black-coloured | permanent                  |
| DIGIT 100 White Gloss Air Free Removable  | 100 µm    | white       | calendered PVC | glossy | monomeric | acrylic dispersion | clear          | removable                  |
| DIGIT 100 White Matt Air Free Removable   | 100 µm    | white       | calendered PVC | matt   | monomeric | acrylic dispersion | clear          | removable                  |
| DIGIT 100 White Gloss HIGH TACK   | 100 µm    | white       | calendered PVC | glossy | monomeric | acrylic dispersion | clear          | permanent                  |
| DIGIT 100 White Matt HIGH TACK  | 100 µm    | white       | calendered PVC | matt   | monomeric | acrylic dispersion | clear          | permanent                  |
| DIGIT 100 White Gloss BLOCKOUT           | 100 µm    | white       | calendered PVC | glossy | monomeric | acrylic dispersion | clear          | permanent                  |
| DIGIT 100 White Matt BLOCKOUT            | 100 µm    | white       | calendered PVC | matt   | monomeric | acrylic dispersion | clear          | permanent                  |
| DIGIT 100 White Gloss BLOCKOUT Air Free  | 100 µm    | white       | calendered PVC | glossy | monomeric | acrylic dispersion | clear          | permanent                  |
| DIGIT 100 White Matt BLOCKOUT Air Free   | 100 µm    | white       | calendered PVC | matt   | monomeric | acrylic dispersion | clear          | permanent                  |
| DIGIT 100P White Gloss Air Free   | 100 µm    | white       | calendered PVC | glossy | monomeric | solvent acrylic    | clear          | permanent                  |
| DIGIT Transparent Gloss P   | 80 µm     | transparent | calendered PVC | glossy | monomeric | acrylic dispersion | clear          | permanent                  |
| DIGIT Transparent Matt P  | 80 µm     | transparent | calendered PVC | matt   | monomeric | acrylic dispersion | clear          | permanent                  |
| POLYMERIC VINYLs for mid- to longterm indoor and outdoor advertising on flat, curved and slightly corrugated surfaces       |           |             |                |        |           |                    |                |                            |
| DIGIT 75P White Gloss   | 75 µm     | white       | calendered PVC | glossy | polymeric | solvent acrylic    | grey-coloured  | permanent                  |
| DIGIT 75P Translucent   | 75 µm     | translucent | calendered PVC | matt   | polymeric | solvent acrylic    | clear          | permanent                  |
| DIGIT 75P White Gloss Air Free  | 75 µm     | white       | calendered PVC | glossy | polymeric | solvent acrylic    | grey-coloured  | permanent                  |
| DIGIT 75P Transparent Gloss   | 75 µm     | transparent | calendered PVC | glossy | polymeric | solvent acrylic    | ultra-clear    | permanent                  |
| DIGIT 75P Transparent Matt  | 75 µm     | transparent | calendered PVC | matt   | polymeric | solvent acrylic    | ultra-clear    | permanent                  |
| DIGIT 75P White Gloss HIGH TACK   | 75 µm     | white       | calendered PVC | glossy | polymeric | solvent acrylic    | clear          | permanent                  |
| DIGIT 75P White Matt HIGH TACK  | 75 µm     | white       | calendered PVC | matt   | polymeric | solvent acrylic    | clear          | permanent                  |
| CAST VINYLs for long-term outside application, especially for car wrapping  |           |             |                |        |           |                    |                |                            |
| DIGIT CAST 50 White Gloss PG  | 50 µm     | white       | casted PVC     | glossy | monomeric | solvent acrylic    | grey-coloured  | permanent / repositionable |
| DIGIT CAST 50 White Gloss PG Air Free   | 50 µm     | white       | casted PVC     | glossy | monomeric | solvent acrylic    | grey-coloured  | permanent / repositionable |

The information presented in these application and processing instructions are based on our knowledge and findings obtained in practice. Due to the large number of factors which can influence the processing and application processes, individual customer tests are strongly recommended. A legally binding guarantee of specific properties is not to be inferred from this information. We reserve the right to make changes and corrections.















| Liner   | Durability* | Inks                                    | USP                                 | Recommended Laminating Films | Sizes   |
|---|-------------|---|-------------------------------------|------------------------------|---|
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> )        | 3           | Solvent, Eco-solvent, UV-curable, Latex | high print resolution               | TECLUX 200/400 Gloss         | 1050 / 1370 / 1550 / 1600 mm x 50 m               |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> )        | 3           | Solvent, Eco-solvent, UV-curable, Latex | high print resolution               | TECLUX 200/400 Matt          | 1050 / 1370 / 1550 / 1600 mm x 50 m               |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> )        | 3           | Solvent, Eco-solvent, UV-curable, Latex | good opacity                        | TECLUX 200/400 Gloss         | 1050 / 1370 / 1550 mm x 50 m**                    |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> )        | 3           | Solvent, Eco-solvent, UV-curable, Latex | good opacity                        | TECLUX 200/400 Matt          | 1050 / 1370 / 1550 mm x 50 m**                    |
| two-sided PE-coated embossed silicone paper (144 g/m <sup>2</sup> ) | 3-5         | Solvent, Eco-solvent, UV-curable, Latex | high print resolution               | TECLUX 200/400 Gloss         | 1050 / 1370 / 1550 mm x 50 m**                    |
| two-sided PE-coated embossed silicone paper (144 g/m <sup>2</sup> ) | 3-5         | Solvent, Eco-solvent, UV-curable, Latex | high print resolution               | TECLUX 200/400 Matt          | 1050 / 1370 / 1550 mm x 50 m*                     |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> )        | 3           | Solvent, Eco-solvent, UV-curable, Latex | high print resolution               | TECLUX 200/400 Gloss         | 1050 / 1270 / 1370 / 1550 / 1600 / 2000 mm x 50 m |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> )        | 3           | Solvent, Eco-solvent, UV-curable, Latex | high print resolution               | TECLUX 200/400 Matt          | 1050 / 1270 / 1370 / 1550 / 1600 mm x 50 m        |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> )        | 3           | Solvent, Eco-solvent, UV-curable, Latex | high print resolution               | TECLUX 200/400 Gloss         | 1050 / 1370 / 1550 / 1600 mm x 50 m               |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> )        | 3           | Solvent, Eco-solvent, UV-curable, Latex | high print resolution               | TECLUX 200/400 Matt          | 1050 / 1370 / 1550 / 1600 mm x 50 m               |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> )        | 3           | Solvent, Eco-solvent, UV-curable, Latex | good opacity                        | TECLUX 200/400 Gloss         | 1050 / 1370 / 1550 / 1600 mm x 50 m               |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> )        | 3           | Solvent, Eco-solvent, UV-curable, Latex | good opacity                        | TECLUX 200/400 Matt          | 1050 / 1370 / 1550 / 1600 mm x 50 m               |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> )        | 3           | Solvent, Eco-solvent, UV-curable, Latex | good opacity                        | TECLUX 200/400 Gloss         | 1050 / 1370 / 1550 mm x 50 m**                    |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> )        | 3           | Solvent, Eco-solvent, UV-curable, Latex | good opacity                        | TECLUX 200/400 Matt          | 1050 / 1370 / 1550 mm x 50 m*                     |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> )        | 3           | Solvent, Eco-solvent, UV-curable, Latex | block-out characteristics           | TECLUX 200/400 Gloss         | 1050 / 1370 / 1550 mm x 50 m**                    |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> )        | 3           | Solvent, Eco-solvent, UV-curable, Latex | block-out characteristics           | TECLUX 200/400 Matt          | 1050 / 1370 / 1550 mm x 50 m*                     |
| two-sided PE-coated embossed silicone paper (144 g/m <sup>2</sup> ) | 3-5         | Solvent, Eco-solvent, UV-curable, Latex | Air Free technology                 | TECLUX 200/400 Gloss         | 1050 / 1370 / 1550 mm x 50 m*                     |
| two-sided PE-coated embossed silicone paper (144 g/m <sup>2</sup> ) | 3-5         | Solvent, Eco-solvent, UV-curable, Latex | Air Free technology                 | TECLUX 200/400 Matt          | 1050 / 1370 / 1550 mm x 50 m**                    |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> )        | 3-5         | Solvent, Eco-solvent, UV-curable, Latex | high print resolution               | TECLUX 200/400 Gloss         | 1050 / 1370 / 1550 mm x 50 m**                    |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> )        | 3-5         | Solvent, Eco-solvent, UV-curable, Latex | high print resolution               | TECLUX 200/400 Matt          | 1050 / 1370 / 1550 mm x 50 m**                    |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> )        | 3-5         | Solvent, Eco-solvent, UV-curable, Latex | block-out characteristics           | TECLUX 200/400 Gloss         | 1050 / 1370 / 1550 mm x 50 m**                    |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> )        | 3-5         | Solvent, Eco-solvent, UV-curable, Latex | block-out characteristics           | TECLUX 200/400 Gloss         | 1050 / 1370 / 1550 mm x 50 m**                    |
| two-sided PE-coated embossed silicone paper (144 g/m <sup>2</sup> ) | 3-5         | Solvent, Eco-solvent, UV-curable, Latex | block-out characteristics           | TECLUX 200/400 Gloss         | 1050 / 1370 / 1550 mm x 50 m**                    |
| two-sided PE-coated embossed silicone paper (144 g/m <sup>2</sup> ) | 3-5         | Solvent, Eco-solvent, UV-curable, Latex | block-out characteristics           | TECLUX 200/400 Gloss         | 1050 / 1370 / 1550 mm x 50 m**                    |
| two-sided PE-coated embossed silicone paper (144 g/m <sup>2</sup> ) | 3           | Solvent, Eco-solvent, UV-curable, Latex | Air Free technology                 | TECLUX 200/400 Gloss         | 1050 / 1370 / 1550 mm x 50 m**                    |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> )        | 3           | Solvent, Eco-solvent, UV-curable, Latex | high print resolution               | -/-                          | 1050 / 1370 / 1550 / 1600 mm x 50 m               |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> )        | 3           | Solvent, Eco-solvent, UV-curable, Latex | high print resolution               | -/-                          | 1050 / 1370 / 1550 / 1600 mm x 50 m               |
| two-sided PE-coated silicone paper (144 g/m <sup>2</sup> )          | 5-7         | Solvent, Eco-solvent, UV-curable, Latex | excellent printability & durability | TECLUX 600/800 Gloss         | 1050 / 1370 / 1550 / 1600 mm x 50 m               |
| one-sided PE-coated silicone paper (144 g/m <sup>2</sup> )          | 5-7         | Solvent, Eco-solvent, UV-curable, Latex | excellent printability & durability | -/-                          | 1050 / 1370 / 1550 mm x 50 m**                    |
| two-sided PE-coated embossed silicone paper (144 g/m <sup>2</sup> ) | 5-7         | Solvent, Eco-solvent, UV-curable, Latex | Air Free technology                 | TECLUX 600/800 Gloss         | 1050 / 1370 / 1550 mm x 50 m**                    |
| two-sided PE-coated silicone paper (144 g/m <sup>2</sup> )          | 5-7         | Solvent, Eco-solvent, UV-curable, Latex | excellent printability & durability | -/-                          | 1050 / 1370 / 1550 mm x 50 m**                    |
| two-sided PE-coated silicone paper (144 g/m <sup>2</sup> )          | 5-7         | Solvent, Eco-solvent, UV-curable, Latex | excellent printability & durability | -/-                          | 1050 / 1370 / 1550 mm x 50 m**                    |
| two-sided PE-coated silicone paper (144 g/m <sup>2</sup> )          | 5-7         | Solvent, Eco-solvent, UV-curable, Latex | excellent printability & durability | -/-                          | 1050 / 1370 / 1550 mm x 50 m**                    |
| two-sided PE-coated silicone paper (144 g/m <sup>2</sup> )          | 5-7         | Solvent, Eco-solvent, UV-curable, Latex | excellent printability & durability | -/-                          | 1050 / 1370 / 1550 mm x 50 m**                    |
| PE-coated silicone paper (130 g/m <sup>2</sup> )                    | 10          | Solvent, Eco-solvent, UV-curable, Latex | Full car wrapping                   | TECLUX CAST 40/41            | 1370 / 1525 mm x 50 m                             |
| PE-coated silicone paper (144 g/m <sup>2</sup> )                    | 10          | Solvent, Eco-solvent, UV-curable, Latex | Full car wrapping, Air Free Tech.   | TECLUX CAST 40/41            | 1370 / 1525 mm x 50 m                             |

\* Outdoor durability of the unprinted film  
 \*\* Size 1600 mm x 50 m available on request

# APPLICATION INSTRUCTIONS

| Product  | Face Film |             |              |      |           | Adhesive           |       |           |
|--|-----------|-------------|--------------|------|-----------|--------------------|-------|-----------|
| FLOORGRAPHIC FILMS for mid- to longterm floor decoration and advertising |           |             |              |      |           |                    |       |           |
| TECFLOOR 200   | 120 µm    | transparent | embossed PVC | matt | monomeric | acrylic dispersion | clear | permanent |
| TECFLOOR 400   | 170 µm    | transparent | embossed PVC | matt | monomeric | solvent acrylic    | clear | permanent |
| TECFLOOR 500   | 170 µm    | white       | embossed PVC | matt | monomeric | solvent acrylic    | clear | permanent |
| TECFLOOR 800   | 125 µm    | transparent | embossed PC  | matt | -/-       | solvent acrylic    | clear | permanent |

|   |       |             |                |             |           |                    |             |           |  |
|---|-------|-------------|----------------|-------------|-----------|--------------------|-------------|-----------|--|
| <b>LAMINATING FILMS for mid- to longterm protection of digital printing media</b>                                   |       |             |                |             |           |                    |             |           |  |
| TECLUX 200 Gloss  | 80 µm | transparent | calendered PVC | glossy      | monomeric | acrylic dispersion | ultra-clear | permanent |  |
| TECLUX 200 Matt   | 80 µm | transparent | calendered PVC | matt        | monomeric | acrylic dispersion | ultra-clear | permanent |  |
| TECLUX 250 UV Gloss                | 80 µm | transparent | calendered PVC | glossy      | monomeric | acrylic dispersion | ultra-clear | permanent |  |
| TECLUX 400 Gloss  | 80 µm | transparent | calendered PVC | glossy      | monomeric | solvent acrylic    | ultra-clear | permanent |  |
| TECLUX 400 Matt   | 80 µm | transparent | calendered PVC | matt        | monomeric | solvent acrylic    | ultra-clear | permanent |  |
| TECLUX 600 Gloss  | 23 µm | transparent | polyester film | glossy      | -/-       | solvent acrylic    | ultra-clear | permanent |  |
| TECLUX 610 Gloss                 | 36 µm | transparent | polyester film | glossy      | -/-       | solvent acrylic    | ultra-clear | permanent |  |
| TECLUX 620 Gloss                 | 23 µm | transparent | polyester film | glossy      | -/-       | solvent acrylic    | ultra-clear | permanent |  |
| TECLUX 636 Gloss                 | 36 µm | transparent | polyester film | glossy      | -/-       | solvent acrylic    | ultra-clear | permanent |  |
| TECLUX 800 Gloss  | 75 µm | transparent | calendered PVC | glossy      | polymeric | solvent acrylic    |             | permanent |  |
| TECLUX 800 Matt   | 75 µm | transparent | calendered PVC | matt        | polymeric | solvent acrylic    | ultra-clear | permanent |  |
| TECLUX 900 Ultraclear Gloss      | 80 µm | transparent | calendered PVC | ultra-clear | monomeric | acrylic dispersion | ultra-clear | permanent |  |
| TECLUX 350 HEALTH PROTECT Gloss  | 80 µm | transparent | calendered PVC | glossy      | monomeric | solvent acrylic    | ultra-clear | permanent |  |
| TECLUX 950 HEALTH PROTECT Gloss  | 75 µm | transparent | calendered PVC | glossy      | polymeric | solvent acrylic    | ultra-clear | permanent |  |
| TECLUX CAST 40 Gloss  | 40 µm | transparent | casted PVC     | glossy      | -/-       | solvent acrylic    | ultra-clear | permanent |  |
| TECLUX CAST 41 Matt   | 40 µm | transparent | casted PVC     | matt        | -/-       | solvent acrylic    | ultra-clear | permanent |  |

|  |        |            |                |               |           |                    |       |                |  |
|--|--------|------------|----------------|---------------|-----------|--------------------|-------|----------------|--|
| <b>COLOURED SIGN VINYLs for short to midterm indoor and outdoor advertising on flat and slightly curved surfaces</b> |        |            |                |               |           |                    |       |                |  |
| TECMARK 3000 GLOSS   | 70 µm  | 39 colours | calendered PVC | glossy        | monomeric | acrylic dispersion | clear | semi-permanent |  |
| TECMARK 3100 MATT  | 70 µm  | 35 colours | calendered PVC | matt          | monomeric | acrylic dispersion | clear | semi-permanent |  |
| TECMARK 5000 GLOSS                | 70 µm  | 19 colours | calendered PVC | glossy        | polymeric | solvent acrylic    | clear | semi-permanent |  |
| TECMARK 600 MIRROR                | 25 µm  | 2 colours  | calendered PET | mirror effect | monomeric | acrylic dispersion | clear | semi-permanent |  |
| TECMARK FLUOR                     | 110 µm | 3 colour   | calendered PVC | fluorecent    | monomeric | acrylic dispersion | clear | semi-permanent |  |

|  |       |             |                |               |           |                 |       |           |  |
|--|-------|-------------|----------------|---------------|-----------|-----------------|-------|-----------|--|
| <b>ETCHED GLASS FILMS for mid- to longterm window decoration</b> |       |             |                |               |           |                 |       |           |  |
| TECMARK 5052 Silver Frosty                                       | 80 µm | translucent | calendered PVC | frosty effect | polymeric | solvent acrylic | clear | permanent |  |
| TECMARK 5053 Dusty   | 80 µm | translucent | calendered PVC | frosty effect | monomeric | solvent acrylic | clear | permanent |  |
| TECMARK 5055 Silver Frosty Air Free                              | 80 µm | translucent | calendered PVC | frosty effect | polymeric | solvent acrylic | clear | permanent |  |

|                       |        |               |                |        |           |                 |       |           |  |
|-----------------------|--------|---------------|----------------|--------|-----------|-----------------|-------|-----------|--|
| <b>ONE WAY VISION</b> |        |               |                |        |           |                 |       |           |  |
| DIGIT One Way Vision  | 160 µm | white / black | calendered PVC | glossy | monomeric | solvent acrylic | clear | removable |  |

|   |        |             |                   |        |           |     |     |     |  |
|---|--------|-------------|-------------------|--------|-----------|-----|-----|-----|--|
| <b>CLING FILMS for short-term window decoration</b> |        |             |                   |        |           |     |     |     |  |
| DIGIT 150 Cling White Gloss                         | 150 µm | white       | electrostatic PVC | glossy | monomeric | -/- | -/- | -/- |  |
| DIGIT 150 Cling Transparent Gloss                   | 150 µm | transparent | electrostatic PVC | glossy | monomeric | -/- | -/- | -/- |  |

The information presented in these application and processing instructions are based on our knowledge and findings obtained in practice. Due to the large number of factors which can influence the processing and application processes, individual customer tests are strongly recommended. A legally binding guarantee of specific properties is not be inferred from this information. We reserve the right to make changes and corrections.



| Liner  | Durability* | Inks                                    | USP  | Recommended Laminating Films | Sizes                        |
|--|-------------|---|--|------------------------------|------------------------------|
| two-sided PE-coated silicone paper (90 g/m <sup>2</sup> )  | 3           | -/-                                     | anti-slip, non-reflecting, scratch resistant | -/-                          | 1050 / 1370 / 1550 mm x 50 m |
| two-sided PE-coated silicone paper (135 g/m <sup>2</sup> ) | 3           | -/-                                     | anti-slip, non-reflecting, scratch resistant | -/-                          | 1050 / 1370 / 1550 mm x 50 m |
| two-sided PE-coated silicone paper (135 g/m <sup>2</sup> ) | 3           | Solvent, Eco-solvent, UV-curable, Latex | anti-slip, non-reflecting, scratch resistant | -/-                          | 1050 / 1370 / 1550 mm x 50 m |
| siliconized polyester liner (50 µm)                        | 3-5         | -/-                                     | anti-slip, non-reflecting, scratch resistant | -/-                          | 1220 mm x 50 m               |

|  |     |     |                                      |     |                                     |
|--|-----|-----|--------------------------------------|-----|-------------------------------------|
| two-sided clay-coated silicone paper (90 g/m <sup>2</sup> )  | 1   | -/- | universal                            | -/- | 1050 / 1370 / 1550 / 1600 mm x 50 m |
| two-sided clay-coated silicone paper (90 g/m <sup>2</sup> )  | 1   | -/- | universal                            | -/- | 1050 / 1370 / 1550 / 1600 mm x 50 m |
| two-sided clay-coated silicone paper (90 g/m <sup>2</sup> )  | 1   | -/- | Especially for UV prints             | -/- | 1050 / 1370 / 1550 / 1600 mm x 50 m |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> ) | 3   | -/- | UV-Absorbers                         | -/- | 1050 / 1370 / 1550 x 50 m**         |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> ) | 3   | -/- | UV-Absorbers                         | -/- | 1050 / 1370 / 1550 x 50 m**         |
| two-sided clay-coated silicone paper (90 g/m <sup>2</sup> )  | 2   | -/- | Anti Graffiti Film                   | -/- | 1050 / 1370 / 1550 mm x 50 m        |
| two-sided clay-coated silicone paper (90 g/m <sup>2</sup> )  | 2   | -/- | Anti Graffiti Film                   | -/- | 1050 / 1370 / 1550 mm x 50 m        |
| transparent PET-Liner (50 g/m <sup>2</sup> )                 | 2   | -/- | Anti Graffiti Film                   | -/- | 1050 / 1370 / 1550 mm x 50 m        |
| transparent PET-Liner (50 g/m <sup>2</sup> )                 | 2   | -/- | Anti Graffiti Film                   | -/- | 1050 / 1370 / 1550 mm x 50 m        |
| two-sided PE-coated silicone paper (144 g/m <sup>2</sup> )   | 5-7 | -/- | No blistering                        | -/- | 1050 / 1370 / 1550 mm x 50 m**      |
| two-sided PE-coated silicone paper (144 g/m <sup>2</sup> )   | 5-7 | -/- | No blistering                        | -/- | 1050 / 1370 / 1550 mm x 50 m**      |
| transparent PET-Liner (75 g/m <sup>2</sup> )                 | 4   | -/- | ultra-clear                          | -/- | 1050 / 1370 / 1550 mm x 50 m        |
| one-sided clay-coated silicone paper (90 g/m <sup>2</sup> )  | 3   | -/- | antimicrobial / antiviral protection | -/- | 1370 mm x 50 m                      |
| two-sided PE-coated silicone paper (145 g/m <sup>2</sup> )   | 5-7 | -/- | antimicrobial / antiviral protection | -/- | 1370 mm x 30 / 50 m                 |
| one-sided clay-coated silicone paper (120 g/m <sup>2</sup> ) | 7   | -/- | For car wrapping                     | -/- | 1370 / 1525 mm x 50 m               |
| one-sided clay-coated silicone paper (120 g/m <sup>2</sup> ) | 7   | -/- | For car wrapping                     | -/- | 1370 / 1525 mm x 50 m               |

|  |     |     |                     |     |                |
|--|-----|-----|---------------------|-----|----------------|
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> ) | 3   | -/- | No adhesive residue | -/- | 1220 mm x 50 m |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> ) | 3   | -/- | No adhesive residue | -/- | 1220 mm x 50 m |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> ) | 5-7 | -/- | No adhesive residue | -/- | 1220 mm x 50 m |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> ) | 3-5 | -/- | No adhesive residue | -/- | 1000 mm x 50 m |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> ) | 1   | -/- | No adhesive residue | -/- | 1220 mm x 50 m |

|   |     |   |                              |     |                              |
|---|-----|---|------------------------------|-----|------------------------------|
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> )        | 5-7 | Solvent, Eco-solvent, UV-curable, Latex | etched glass / frosty effect | -/- | 1220 / 1370 / 1550 mm x 50 m |
| one-sided clay-coated silicone paper (135 g/m <sup>2</sup> )        | 4   | Solvent, Eco-solvent, UV-curable, Latex | etched glass / matt effect   | -/- | 1220 / 1370 / 1550 mm x 50 m |
| two-sided PE-coated embossed silicone paper (144 g/m <sup>2</sup> ) | 5-7 | Solvent, Eco-solvent, UV-curable, Latex | etched glass / frosty effect | -/- | 1220 / 1370 / 1550 mm x 50 m |

|  |   |   |                |                      |                       |
|--|---|---|----------------|----------------------|-----------------------|
| two-sided PE-coated silicone paper (140 g/m <sup>2</sup> ) | 1 | Solvent, Eco-solvent, UV-curable, Latex | One Way Vision | TECLUX 600/800 Gloss | 1370 / 1520 mm x 50 m |
|--|---|---|----------------|----------------------|-----------------------|

|   |   |   |                               |     |                       |
|---|---|---|-------------------------------|-----|-----------------------|
| one-sided PE-pasteboard (180 g/m <sup>2</sup> ) | 1 | Solvent, Eco-solvent, UV-curable, Latex | Good electrostatic properties | -/- | 1000 / 1370 mm x 50 m |
| one-sided PE-pasteboard (180 g/m <sup>2</sup> ) | 1 | Solvent, Eco-solvent, UV-curable, Latex | Good electrostatic properties | -/- | 1000 / 1370 mm x 50 m |

\* Outdoor durability of the unprinted film  
 \*\* Size 1600 mm x 50 m available on request

# PROCESSING AND HANDLING INSTRUCTIONS

## 1. Primary Note

KEMICA offers a wide range of self-adhesive digital printing media for many different applications. KEMICA can only ensure that the films conform as specified if the following application and processing instructions are adhered to.

KEMICA recommends to use rolls from the same batch number for graphical application. When using rolls from different batch numbers then an experienced technician should verify beforehand if there are any disparities between the batch numbers as this could make an impact on the end result.

## 2. Storage

In general rolls delivered from KEMICA should never be stored horizontally, they should be stored either upright or pendulously. Processing and storage should be in a cool, dry, sunprotected room with a relative humidity from 50 – 55 % and room temperature from ca. 18 – 22°C.

**Attention!** UV-radiation and excessive humidity can affect the quality of the self-adhesive material and impact the end result.

## 3. Printing instructions

In order to guarantee perfect printing conditions KEMICA recommends to put the roll into the printer one day before printing. This way we can ensure that the material is ideally aligned to the individual room temperature and humidity.

The surface composition and the file to be printed should be inspected with the profiling before every print. We recommend that due care is taken and to use cotton wool gloves when handling digital printing media to avoid any impurities or damage.

Due to the differing qualities of the film rolls (monomeric-/ polymeric-calandered), the various settings of the printer and the monitoring software should always be verified and adjusted. In addition check the product details concerning their respective applications (indoor / outdoor) and durability. To avoid any unexpected results, please visit our homepage ([www.KEMICA.it](http://www.KEMICA.it)) for complete technical information regarding your purchased product.

## 4. Drying Time

The inks require a certain drying time after every printing process before finalizing so that the contained solvents completely evaporate. In addition, before finishing, the freshly printed media should be properly dried to avoid any shrinkage of the graphic. KEMICA recommends to dry the media widespread for ca. 48 hours.

If the graphic is laminated too early, it could happen that the solvents haven't completely evaporated which could influence the adhesion and durability of the product. Printed films which have not been sufficiently dried will shrink during the drying process on the substrate after the application. It could also happen that the film peels away from the edges if the film has shrunk.

## 5. Lamination

It is advisable to laminate every inkjet print in order to maintain a long lasting high quality optical film. KEMICA has various cold laminating films on offer in their product range. These films protect digital prints and photos against the influence of UV, dirt, humidity and abrasion. In addition, if combined, we recommend that only films from the same version are used (Monomeric PVC films on Monomeric PVC films and Polymeric PVC films on Polymeric PVC Films) because the components are aligned to match each other. KEMICA recommends never to adjust the roll temperature higher than 30°C in order to avoid any deformation of the film. Furthermore, the film should be laminated without any tension.

## 6. Surface Treatment

KEMICA offers diverse high quality special adhesives which can be used for almost all clean surfaces which are free from silicone, wax or grease. In addition, KEMICA highly recommends that all surfaces are thoroughly cleaned with an Isopropanol mixture and dried afterwards with a suitable cloth. Other detergents are not recommended, because they could affect the surface and influence the adhesion. Newly painted surfaces are only cured after a standing time of minimum 3 weeks (depending on the kind of paint). If the detergents are not completely removed then gas cavities could develop between the surface and the film. We recommend the following for surfaces which are inclined to fumigate, such as Polycarbonate: After cleaning the surface, stick a piece of film on the surface and store for ca. 24 hours at + 60°C. If bubbles form on the bonding after this period of time, the plastic is still fumigating. In this case, it is necessary for the plastic to undergo a heat treatment or it should be stored for a longer time at room temperature.

## 7. Bonding

In general, it must be differentiated between dry and wet bonding.

Wet bonding is recommended for flat and even surfaces otherwise there could be the risk that the water is trapped and cannot completely drain away. Therefore, wet bonding on concave and convex surfaces should be avoided. In addition, wet bonding is only recommended for material with solvent based adhesive (e.g. polymeric products). Products with air ducts like DIGIT 75P White Gloss Air Free and TECMARK 5055 Silver Frosty Air Free are NOT suitable for wet bonding either. Firstly, when wet bonding, the surface must be moistened with a liquid detergent so that the material can be repositioned. Once the film is positioned correctly, the water residue can be pressed out from the inner side to the outer edge by using a plastic squeegee.

We recommend repeating this process several times to be sure that there is no water left trapped under the film. Water residue can cause adhesion modifications. Once applied, the film should be left one day to rest so that the adhesion is completely developed. To finish, the film should be carefully pressed again with a squeegee to achieve the maximal bonding.

When applied dry, press a corner of the film onto the surface which is to be bonded, then spread the remaining film over the complete area with the help of a squeegee. The silicone paper can be completely removed before bonding for small films. We do not recommend this when bonding large films; instead, the silicone paper should be removed piece for piece during bonding. The film should be pressed again a couple of hours after bonding to ensure optimal quality bonding. In order to avoid different colour effects, we recommend that the films are processed in the



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Embossed monomeric PVC or polycarbonate films for floorgraphic applications with anti-slip character certified DIN 51130 Class R9.



# PROCESSING AND HANDLING INSTRUCTIONS

same running direction. If films overlap, cut a straight, sharp edge by using an adequate sharp knife otherwise the films could peel off or misalign. Attention should be given that there is never any tension when transferring the film but to constantly follow the profile.

When bonding several films, KEMICA recommends only using films from the same manufacturer and composition (Polymeric, Monomeric) as well as the same Lot number.

**Attention!** Care should be taken when selecting material if films are to be adhered on insulation glass panes due to temperature variability. This could cause thermal friction and the glass can become damaged.

## 8. Removability

In order to ensure a residue free removal of the film, the surrounding and ground temperature should be at least 20°C. In addition to the environment, the removal of the film depends on the adhesive properties and most important the condition of the surface. Certain substances could interact with each other e.g. diffusion of plasticizers, or fumigation of solvents. This could cause the adhesion to increase from removable self-adhesive products and impedes a residue free removal of the film. The following surfaces could be affected from the above mentioned reciprocal effects:

- ABS
- Acrylic Glass
- Freshly painted areas and varnish
- Nitro Lacquer
- Polycarbonate
- Polystyrene
- PVC

Appropriate application tests on original material should be conducted by an experienced technician before every application. A differentiation should always be made between films with permanent and removable adhesive systems when removing. Films with a removable adhesive can be removed without difficulty within the period confirmed in the technical data sheet. Please be careful when removing the film that the films are never removed at an angle of 90°, but at a sharp 180° angle. Otherwise the risk of residue on the surface is increased.

Films with permanent adhesive are more difficult to remove. We recommend using a hot air gun, hot water, a squeegee or a mild cleaning detergent.

In general, the film should be carefully peeled off on the corner at a ca. 180° angle. The use of a hot air gun during removal will facilitate the process significantly. If any adhesive residue is left on the surface, we recommend using a mild detergent (e.g. Heptane or Isopropanol) to eliminate it.

**Attention!** Care should be taken when choosing the detergent that it does not affect the surface.

## 9. Durability within different climates

In general, the maximum durability for Digital Printing media is ensured only for vertical outdoor exposure. KEMICA defines a deviant bonding application > 10° as a horizontal bond. General information can be found online on our homepage [www.KEMICA.it](http://www.KEMICA.it) in our technical data sheets regarding the basis of evaluating the maximal durability.

The technical details in our data sheets are based **ONLY** on the condition that **vertical bonding** in a **moderate climate** is undertaken. In addition to horizontal/vertical bonding, different climates can have a significant influence.

Durability and climatic zones are accurately defined on our homepage among processing information.

Due to the additional influences by mechanical abrasion or other chemical influences, it is not possible for us to transfer the maximum durability on each film. Consequently no warranty claims can be derived from the above information.

## 10. General Information

KEMICA provides an individual list with recommended printers and ICC-Profiles on our website [www.KEMICA.it](http://www.KEMICA.it)

The following technical details are issued to the best of our knowledge, however, without any responsibility for results due to several different kinds of surfaces and application processes. Therefore, we highly recommend that before every usage a test should be conducted on the original material.



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# KEMICA



## KEMICA S.r.l.

Via F.lli Rusjan, 76  
34070 Savogna d'Isonzo (GO) - ITALY

Phone: +39 481 882 501  
Fax: +39 481 882 440

E-Mail: [info@kemicasrl.it](mailto:info@kemicasrl.it)  
Internet: [www.kemica.it](http://www.kemica.it)