# REVolution 4000 Series

**REVolution 4000 Series**

| 022155 – REV4106MWST1370 – 1370mm x 50m |
| 023894 – REV4106MWST1600 – 1600mm x 50m |

## Overview

REV4106 is a high tack, high quality print film and forms an important part of the REVolution family of polymeric PVC films. REV4106 carries a matt white face film for optimum print quality & anti-glare. 80 micron PVC carries a grey block out water based acrylic adhesive specially engineered for LSE surfaces. Film is carried on a PE coated Easy Apply liner to optimize installation.

## Product Details

- 80mic matt white polymeric PVC film
- Acrylic adhesive – 20g/m2
- Total thickness = 100mic
- 140gsm PE coated air flow liner
- Adhesion to steel -20.7N/25mm (24hr)

## Product Range Description

REVolution 4000 series films are high quality, European manufactured, self adhesive polymeric PVC films suitable for colour intensive brilliant prints where medium to long term graphics are required. REVolution 4000 series carries a range of films suited to most digital printing facilities where end use criteria demands quality and ultimate performance.

## Suggested Uses

- General signage for internal & external applications
- Wall Graphics
- High Quality graphics
- Point of sale applications
- Building graphics

## Resistance

- 4 hours in Propanol = no change when unprinted
- Resistant to most fuels and petroleum products when unprinted
- Suitable for intermittent or occasional water contact such as rain or water spray however long term complete water submersion is not recommended
- Temperature resistance / 80 deg °C for 24 hours = no change
- Humidity resistance / 38 deg °C @ 98% humidity for 24 hours = no change

## Properties

- Dimensional Stability = MD: < -3% ; FT: 14
- Meets the requirement of class B1 for flame-resistant building materials according to DIN 4102-1
- Durability estimate = unprinted up to 5 years
- Durability is given as a good faith estimate based on laboratory QUV tests and past application feedback. Durability depends on so many unknown processing and end use application parameters that no concise timeframe can be provided. Major influencing factors include processing techniques, surface preparation, vertical or horizontal exposure, aspect, exposure to UV, geography & environment. Note, there is no warranty associated with this estimate.

## Application

REV4000 films are ideally suited to applications within temperatures range - above 1deg °C - below 32 deg °C and 55% relative humidity.

## Storage

All REVolution 4000 series films should be kept in clean dry conditions at all times. Always keep films in original packaging away from direct sunlight. Bring film to print room at least 24 hours prior to printing to acclimatize. Films should be stored between 50% – 60% relative humidity. Films should not be subject to temperature <5 deg °C or >36 deg °C. Best used within 2 years from date of manufacture.
<table>
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<tr>
<th><strong>REvolution 4000 Series</strong></th>
<th><strong>Key points of interest</strong></th>
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<tr>
<td><strong>Adhesive Properties</strong></td>
<td>REvolution 4000 series self adhesive PVC products carry solvent free water based acrylic adhesives to ensure compliance with REACH &amp; European RoHS regulations. Water based pH neutral acrylic adhesives are used for the construction of these films.</td>
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<tr>
<td><strong>Print Platforms</strong></td>
<td>All REV4000 series films are designed to be user friendly and have therefore been engineered to be compatible with most print platforms including solvent, eco-solvent, latex &amp; UV. Ink formulations vary between manufacturers and can vary from machine to machine. It is therefore strongly recommended that thorough print tests are conducted with your chosen print film prior to any production is conducted.</td>
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