



MANUFACTURER'S WARRANTY AND LIMITED LIABILITY

REvolution™ SERIES

REV4000 SERIES PRINT AND OVERLAMINATING FILMS

Warranty is made in lieu of any and all other express or implied warranties, including any implied warranty of merchantability. This Warranty refers to the lifespan of Print Media Material and Overlaminating Films of the REV4000 range of polymeric films. This statement is only related to unprinted media. The lifespan of the graphic largely depends on the performance of the inks that cannot be covered by this warranty.

The manufacturer certifies that REV4000 film range is produced by using the highest quality raw materials and warrants the quality of the films described herein and supplied in REvolution approved and labelled packaging. REV4000 film range is manufactured under total quality management system ISO/TS 16949, DIN EN ISO9001 and DIN EN ISO 14001 and is warranted to be free from defect in material and workmanship. All technical data and information supplied regarding REV4000 products are based upon tests believed to be reliable but do not constitute a guarantee or warranty. All REV4000 products are sold with the understanding that the film lifetime is wholly dependent upon correct production components & procedures, conformance with details contained herein, correct application, non-extreme conditions, appropriate use & a complete understanding of the end use criteria. REvolution 4000 series products may be referred to as Media in details below.

1 - STORAGE & HANDLING

The media should be stored out of direct sunlight, vertically and within a dry, clean, dust free environment with temperature between 18-22 deg C and 50-55% relative humidity. The media should be printed or processed within 12 months from date of manufacture. Media stored outside these conditions for long periods of time can suffer from mottle or be prone to cockling during processing and may void warranty. The media must be stored and handled without direct finger contact and free of any contaminants. Cotton lint free gloves should be used to handle the media.

2 - WORKING ENVIRONMENT

The media must be given time (normally 24hrs) to fully condition within the working environment. The working environment should always be dry, clean, dust free with temperature between 18-22 deg C and 50-55% relative humidity.

3 - PROJECT CONSTRUCTION

The construction of the finished project requires many elements working together in unison. Testing for suitability of these elements working together is the sole responsibility of the purchaser.

Knowledge of media, adhesive, printers and inks, overlaminates or top coatings, finishing requirements & installation to meet the end use criteria is essential. Testing to determine construction meets the end use criteria of the specific project is the responsibility of the purchaser.



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Optimum results are obtained by correct processing techniques. Incorrect processing techniques may result in inferior results not meeting the end use criteria of the project and the possibility of voiding warranty.

Residual solvents are known to have a detrimental effect upon the physical properties of the media and can adversely impact adhesive performance & other factors. Adequate, vertically hanging degassing is essential. Inadequate degassing will lead to further issues and may void warranty. Good quality OEM approved inks are strongly recommended. Some alternative ink systems may carry particularly aggressive solvents and can have a poor interaction with PVC. All print platforms and ink systems, applications and procedures must be tested and determined suitable before project construction commences.

The lifespan of the graphic largely depends on the performance of the inks that cannot be covered by this warranty.

4 - APPLICATION GUIDELINES

Media should only be applied to suitably prepared surfaces by knowledgeable and experienced applicators. It is critical that all surfaces are properly prepared and free of dirt, grease, waxes, silicones, salt and other surface contaminants. Surface that film is being applied should not exceed 25 deg C. If media is applied to vehicles this warranty is only valid if standard automotive paint systems have been used and have been applied and dried fully according to the paint manufacturer's detailed guidelines. The warranty does not cover graphics applied to recesses or corrugations commonly found on commercial vans, nor deep recesses or severe 3D contours.

Do not apply to freshly painted substrates and ensure the paint manufacturers drying criteria are strictly followed.

5 - PROJECT PERIOD

Over the course of the project period and pending environmental conditions some slight cracking, edge lift or adhesive transfer in stressed areas must be considered typical and does not constitute warranty claims.

In the event of media failure the manufacturers obligation shall not exceed the pro-rata cost of the film based on the date of notification of the failure. For the warranty to be investigated and considered an official complaint form must be completed and provided. A sample of the applied and unapplied graphic must be forwarded along with the complaint form. Films that do not meet the warranty performance, following evaluation and substantiation by the manufacturer will have liability based upon the following schedule:

Within 1 year 100%

Within 2 years 90%

Within 3 years 70%

Within 4 years 50%

Within 5 years 25%



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Warranty does not apply to:

- ✓ failures caused by improper processing, application,
- ✓ changes in the substrate (e.g. outgassing, rusting)
- ✓ exposure to strong and abrasive chemicals or pollution.

Warranty period is defined as the amount of time that has elapsed from the original shipment date to the date of notification of failure. Warranty lifetimes are based upon Mid European climates and the lifetime is adjusted, reduced or invalidated in certain extreme climates. Vinyl replacement is defined as the pro-rata cost of the media from the manufacturers on the original order. All technical data and information supplied regarding REV4000 films is given in good faith and derived from tests believed to be reliable but do not constitute a guarantee or warranty. All REV4000 products are sold with the understanding that the guaranteed lifetime is wholly dependent upon correct application, non extreme conditions, vertical application and appropriate use. Failure to follow completely the advice given above will invalidate any warranty claims. All HVG Terms & Conditions of Sale apply.