

Application Instructions

Reflexite® 2014 Film

For EN13356 compliant accessories

Bulletin #APP-16

GENERAL INFORMATION

Reflexite® 2014 is a tough weather resistant, highly reflective sheeting designed to be high frequency welded to a vinyl backing into various shapes. For more information on 2014 Film, please reference the Technical Product Bulletin, which is available from local Reflexite Sales Offices.

WELDING GUIDELINES

Welding 2014 Film requires all aspects of sealing to a vinyl backing to be considered. These include but are not limited to:

- Equipment utilized
- Tooling used
- Weld Parameters such as power, time etc
- Vinyl Backing used

Welding 2014 Film may require higher energy, different sealing conditions etc, than standard vinyl to essentially move prisms out of the way and to get the vinyl top film to bond to vinyl backings. If you do not achieve a successful bond, then the following should be considered:

- Increase the amount of power being applied and gradually increase time and pressure settings until a successful bond is achieved. Specific sealing conditions would be per user's equipment.
- The tooling used should then be considered. Reflexite recommends using brass tooling with a stippled effect or incorporating a tear seal as opposed to a flat bar seal, as the stippled effect effectively allows the tool to move the prisms out of the way.

Please contact the Reflexite Sales Office for further information.

PRINTING GUIDELINES

- The surface should be cleaned and allowed to dry. Please ensure area(s) to be printed have been thoroughly cleaned. Reflexite recommends isopropyl alcohol or a similar cleaner.
- When cleaning, ensure that the same cleaning cloth or cloth face is not used to clean the entire batch of material, as contamination from the cleaning process may build up on the cloth over time, which may result in the material not being thoroughly cleaned.
- After cleaning, let the material surface dry and print within 24 hours of cleaning
- Inks to be used should be suitable for PVC. Reflexite recommends the following products from Sericol; Ink: Sericol Polyplast; Thinner: ZV 541 Rigid Vinyl Thinner
Please contact the manufacturers for more information.

The above products are suggestions based on Reflexite's laboratory tests and field use; there are a number of satisfactory inks on the market that are not listed among our recommendations.

IMPORTANT NOTICE

All Reflexite products are subject to careful quality control throughout the manufacturing process and are warranted to be of merchantable quality and free from manufacturing defects. Published information concerning Reflexite products is based upon research, which the Company believes to be reliable although such information does not constitute a warranty. Because of the variety of uses of Reflexite products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. All specifications are subject to change without prior notice.

Reflexite EMEA Conversion Center

Unit 5, Cleaboy Business Park
Old Kilmeaden Road
Waterford, Ireland
Tel. +353 51 359400
Fax. +353 51 359459
www.reflexite.eu

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