

Technical Information

Overview

EAZYlabels Barcode and Labels Protectors are designed for any type of barcode and RFID label coverage on library and schoolbooks. They're made to prevent peeling, dust, grime, smudge and fingerprint damage. All labels are made from PP and are gloss clear and corner rounded

Handling and Application

- Always store in a flat dry area
- Can be cut by Scissors, Blade or machine
- Keep away from direct sunlight
- As it is not feasible to evaluate every possible printing and application combination, we recommend that customers perform their own testing to confirm the material's suitability for the intended end use
- Initial repositionable tack adhesive
- Antibacterial activity evaluated in accordance with ISO 22196 (modified) for plastic surfaces
- Silicone-coated paper liner

Advantages

- Adhesive CleanFlake™: A clear wash-off general purpose acrylic adhesive
- Made from 50-micron PP, offering robust protection against wear and tear. Including a UV Inhibitor.
- Simple to use and fitted manually with sharp scissors in less than a minute
- Ideal for use on Barcodes and RFID Tags
- Designed to keep labels from lifting at the edges over time
- Protect against smudging, fingerprints, dust, and grime
- Easy to apply, suited for library and schoolbook use

Sizes: EAZYlabels are available in various sizes and can also be made to custom specification (MOQ required).

As it is not feasible to evaluate every possible printing and application combination, we recommend that customers perform their own testing to confirm the material's suitability for the intended end use. Please be advised that, given the diverse applications of this material and its use with various films, PP sheets, or other substrates, dimensional variations may occur due to physical factors, including temperature changes during processing and/or application. Accordingly, all technical specifications are provided for reference purposes only and shall not constitute a warranty or guarantee.

Adhesive

Type of Adhesive	CleanFlake™: A clear wash-off general purpose acrylic adhesive
Peel Adhesion (24hr):	>8N
pH-value	approx. 12,0

Release Liner - BG40WH FSC, a supercalandered siliconized white glassine paper.

Initial Tack 9 N/25mm FTM 9 glass

Peel Adhesion 90° 5.5 N/25mm FTM2 st.st.

20min

Min. Application Temp. 5°C

Service Temperature -20°C to 50°C

Adhesive Performance

S7000ER enables recyclability of rigid plastic packaging (HDPE,PET). It applies and functions as a permanent adhesive when applied on glass, PET, HDPE, PP, metal. At the end of life of the HDPE or PET package S7000ER labels are designed not to hinder the recycling. The adhesive exhibits a balance of release properties to enable high speed converting and dispensing on increasingly thinner substrates. Excellent wet out and water whitening resistance. Significantly less adhesive bleed vs. industry standard, including in a tropical environment, which reduces downtime on press and dispensing equipment. Care and additional testing is recommended for use in multi-layer booklet applications on small diameter packages.

Compliance and Approvals

The adhesive S7000ER is suitable for contact with dry, moist and fatty foodstuffs with reduction factor of 4 or higher in this construction. For complete information regarding the food contact compliance status, please contact your local sales representative for a Food Contact Statement. S7000ER in combination with polyolefin face materials (e.g.

PP) is approved by Recyclclass as fully compatible with the rigid HDPE recycling stream. S7000ER in combination with face materials with density <1g/cm³ (label+ink+varnish) is enabling recyclability of PET packages: - Recyclclass technology approval: full compatibility with the PET recycling stream (70-90°C) - EPBP recognition for PET bottle recycling - following Petcore guidance for PET trays and packages (70°C).

Shelf Life

To obtain optimal performance, use this product within one year of the date of manufacture, under storage conditions as defined by FINAT (20-25°C; 40-50%RH). Prolonged storage outside these conditions might reduce the shelf life.



- Product does not include any dangerous substances by REACH or CLP. It is to be considered that plastic film left on the ground or working areas, are slippery. During converting of film rolls electrostatic discharges can be generated.
- We declare that, as to our knowledge, our product (EASYLAM roll 80 Micron PP) does not contain any traceable parts of the components that are on the Prop 65 list (of 23rd of November 2018) and should therefore be compliant with the Prop 65 requirements.
- Please contact us if you require any further information.

Information published regarding our products is based on E-Lam's practical experience and technical knowledge. Buyers are advised to independently verify the suitability of each material for their specific application prior to use. The purchaser assumes all risks related to use, processing, and application of the material. Our liability is limited to the value of the purchased goods and excludes any indirect or incidental damages. All information provided is descriptive only and shall not be construed as legally binding guarantees. Specifications may change without notice; errors and omissions excepted.