



BRIGHT IDEAS, ENLIGHTENED FUTURE

Our solutions facilitate and improve recycling in the supply chain making shrink sleeves more sustainable.

All4Labels at a glance

All4Labels, headquartered in Hamburg, is one of the world's top label manufacturers and the leading provider of digital printing solutions. We are specialized in the home and personal care market, as well as food & beverages.

Our customers recognized us as their preferred provider of many packaging options, including pressure sensitive labels, shrink sleeves, security labels and flexible solutions.

Rapid evolution in sleeve technology has led us to increase our capabilities. We have created a new sleeves, powerhouse by joining with experienced specialist companies in our global network.

50 m+

Annual turnover
(€) sleeves

600 m+

Sleeves
printed

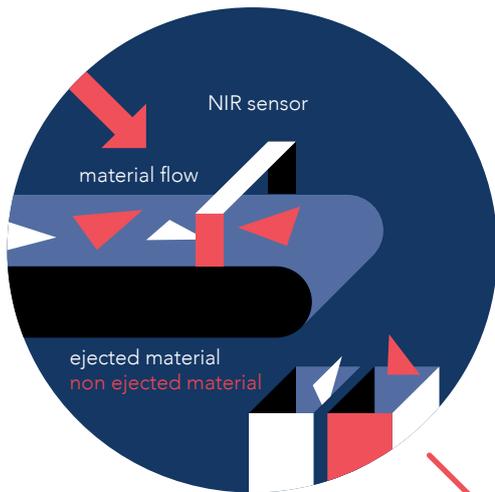
11

Sleeves production
facilities



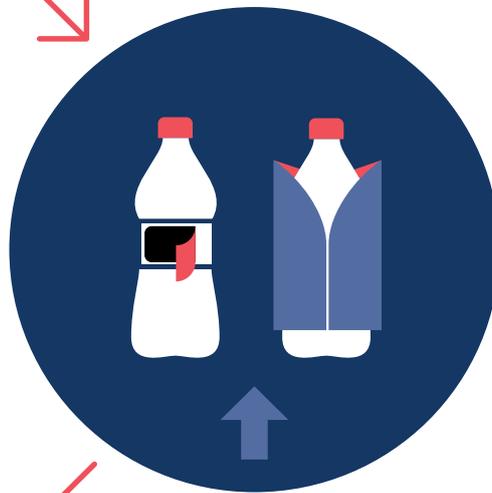
Recycling process

Our shrink sleeves and products offering are designed to facilitate recycling across the supply chain.



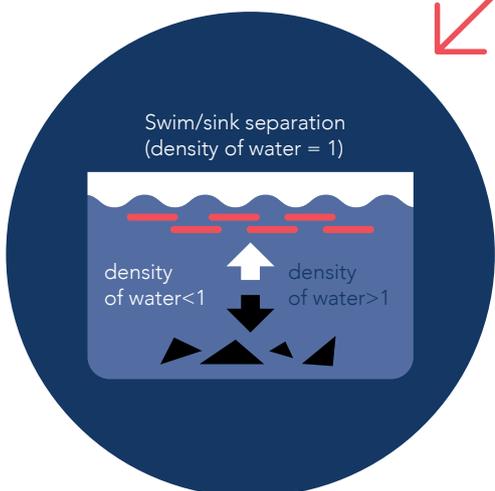
Detecting

A scanner identifies plastic materials.



Detaching

NaOH bath/hot steam friction cleaner. Plastic containers and bottles are shredded before washing (in Europe).



Separating

Swim/sink separation (density of water = 1: light and heavy fractions can be separated)

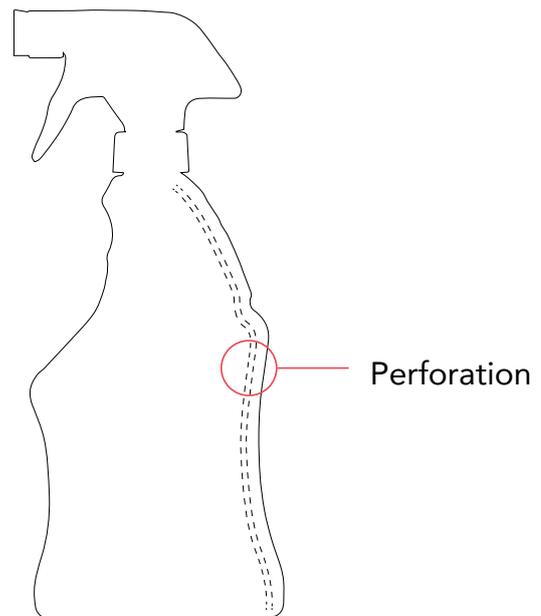
Double vertical perforation for easy separation

About

Double vertical perforation enables easy sleeve removal at end life.

Our services

- We develop customized double vertical perforation, increasing the separation between bottle and sleeve as much as possible.
- Our All4Labels Global Design HUB can help you to find the best communication tool, raising consumer awareness of how to separate the sleeve from the container.



rPET Shrink Sleeves

About

30% of the resins used to make the rPET film come from post-consumer recycled content (PCR).

Our services

- rPET can be used in combination with double vertical perforation, making your sleeve even more sustainable and recyclable.
- We offer testing support for your sleeve application, using our system performance manager.



StarFloat

About

- StarFloat ensures easy separation in the caustic water bath.
- Polyolefine base.
- An NIR system can detect the bottle material behind the sleeve.
- The sleeve can be combined with perforation.

Consumer benefit

- Max shrinkage 62% at 95%
- Density 0,93 g/cm³
- The material floats even with full printed design.
- High clarity vs competitor films.



100% recyclable PET shrink sleeve (Crystallized PET)

About

- This film performs just like a standard PETG but does not suffer from clumping during recycling.
- In combination with washable inks, the film can re-enter the bottle making process.
- Approved in the US (by APR) and undergoing the EU approval process (by EPBP)

Consumer benefit

- Can be used in combination with double vertical perforation to make your sleeve more sustainable and recyclable.
- We offer testing support for your sleeve application, using our system performance manager.



Holygrail 2.0

Benefits for brand owners

- Shelf appeal is maintained – with no adverse effect from the hidden code
- Zero impact on graphics
- Maximum creative options for artwork.

How does it work?

- Pixels in the artwork are subtly modulated, making the entire artwork a big invisible code
- Uses an extra pre-press step before final artwork approval
- No need for extra or special inks
- Compatible with all printing techniques
- Imperceptible impact on the original artwork.



A Digital Watermarks Initiative
facilitated by AIM, the
European Brands Association



All4Labels Group GmbH

Contact our expert

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