



CAN IT GET EVEN MORE SUSTAINABLE?

Yes, it can. We offer you the corresponding label film solutions, bio- or PIR/PCR-based.



Get in touch with us and we will make your solution fit for the circular economy together.

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| Member of the **POLIFILM** Group.



WE GET FIT FOR CIRCULAR ECONOMY TOGETHER



| SUSTAINABLE FILM DESIGN FOR RESPONSIBLE PACKAGING SOLUTIONS

SUSTAINABLE FILM DESIGN. AS DIVERSE AS PACKAGING ITSELF.

There are numerous ways to make packaging more sustainable. That's why we collaborate with you to select the approach that provides the best for your particular application - in the manufacturing process and in consideration of environmental aspects.

THE 4R CONCEPT | CIRCULAR ECONOMY STARTS HERE

REDUCE

LESS IS MORE

We make more out of your film by using less material. The well thought-out thickness reduction preserves the properties of the film solution, such as sealability and stiffness, but it is significantly more resource-efficient.

RECYCLATE

RECYCLATE AS A QUALITY MATERIAL

High-quality recyclates for high-quality films, that's our approach - irrespective of whether we are processing post-industrial (PIR) or post-consumer recyclate (PCR). We get what we can for you and that is often 100% recycled material. This originates from

- mechanical recycling PIR & PCR
- physical recycling PIR, PCR as soon as available
- chemical recycling via mass balance process - for this we are ISCC PLUS certified.

RENEWABLE

RENEWABLE RAW MATERIALS

Bio-based materials as the alternative to fossil resources for good quality standard products. We achieve this with the experience in engineering and processing alongside with a careful qualification. The result - PE & PP film

- measurable proportion of renewable raw materials, determinable via C14-analysis
- proportions from different bio-based sources via mass balance method - for this we are ISCC PLUS certified.

DESIGNED FOR RECYCLING

MONO-Material MAKES IT POSSIBLE

Designed for more than one life, these are single-material packaging. We offer you the films that you need for your PE and PP mono-material packaging directly from a single source. This includes for example

- PE & PP sealing films of all types
- special printing substrate films made of PE and PP
- mono-material-sealing films for direct printing and thermostable outer layer

The Best - MIX'N'MATCH

The aforementioned approaches can be combined, specific to the application - even for food contact.

HEADING TO NEW STANDARDS SELECTED OPTIONS FROM OUR PORTFOLIO FOR MONO-MATERIAL PACKAGING.

FOR YOUR PE OR PP MULTILAYER LAMINATING COMPOSITE

This is what your printing film for reverse printing can offer

As a PE film

- high gloss or rather matt effect
- high water vapor barrier
- gravure printing suitability
- MDO - orientation in machine direction optimizes mechanical and optical properties

As a PP film

- sterilization suitable with low shrinkage compared to BOPP

What your interlayer film is capable of in a triplex laminate

- high stiffness
- barrier properties

The effects your sealing film can have

- low sealing point (<100°C)
- peelable sealing & permanent sealing
- equipped with oxygen & water vapor barrier
- sterilizable (PP version)
- white coloring, adjustable COF, antistatic treatment and much more

Ready to use - Films made from PP | One film. One solution.

- use without lamination
- frontal printing possible
- high temperature stability of the corona-treated side in combination with the early sealing point, creates an industrial operational temperature delta for as stable sealing process
- peelable sealing & permanent sealing
- also available with oxygen barrier

