

Customer Information

Subject: Short information mono-materials

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The newly developed plastic sealing films

BaCo Sealfilm Mono-PP 2.10 W
(white)

BaCo Sealfilm Mono-PET 1.4.1.1 T
(transparent)

BaCo Sealfilm Mono-PP 2.10 MET
(metallised)

BaCo Sealfilm Mono-PET 1.4.1.1 MET
(metallised)

have been designed and optimised with a focus on recycling and sustainability. The mono films combine excellent product protection thanks to a barrier against oxygen and water vapour with optimum recyclability:

Both sealing films are made of single-variety plastics (PET or PP) and can therefore be passed on together with the container into the respective recycling stream. The mono films are suitable for sealing products from all sectors. Both types of film can be printed using the flexographic printing process and are supplied with needle embossing.



Compared to aluminium sealing foils, the new mono-material films have other properties that should be taken into account during processing. Modifications (adaptation) of the sealing equipment may therefore be necessary and advantageous. After a short familiarisation phase, however, nothing should stand in the way of using the new plastic sealing foils.

BaCo Sealfilm Mono-PP 2.10 W und BaCo Sealfilm Mono-PP 2.10 MET:

- The sealing window is in the range of 160 to 170°C with approx. 1 second sealing time.
- The sealing pressure may have to be reduced to avoid damaging the sealing lid.
- The sealing edge should ideally have a width of more than 1mm, otherwise there is a risk of shearing off the sealing lid.
- A sealing tool with a silicone rubber coating is advantageous to ensure better pressure distribution.
- Compared to aluminium sealing lids, the plastic lids have a lower heat transmission, which can lead to a reduced capacity.
- The variant with metallisation offers an increased barrier.
- Due to the lower stiffness of the pure plastic sealing film, modifications to the sealing system may be useful and necessary (system-specific).

BaCo Sealfilm Mono-PET 1.4.1.1 T und BaCo Sealfilm Mono-PET 1.4.1.1 MET:

- Due to the naturally higher stiffness and heat resistance of the mono-PET sealing film, it can be processed almost like an aluminium sealing foil.
- A reduced capacity cannot be ruled out here either, as the heat transfer is lower.

*This information is purely informative and serves as a guide.
We reserve the right to make changes and additions.*