



LIVEO
RESEARCH

ONE-MATERIAL BLISTER (OMB™)



ABOUT LIVEO RESEARCH

- Founded in 1962, Liveo Research is the leading global supplier of materials for primary packaging in the pharmaceutical and medical industry.
- We develop and implement tailor-made solutions for customers around the world.
- With a thorough focus and understanding of our markets, we can respond quickly and develop the best, sustainable packaging solutions that drive our clients forward.

For over
60 years
supplier of
the pharma
industry

ONE-MATERIAL BLISTER

OMB – THE CIRCULAR BLISTER™

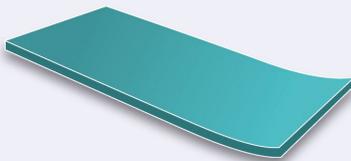
One-Material Blisters (OMB™) are considered an important solution for the future of blister packaging. Their bottom and lidding films are made from the same material. Sustainability is at the core of their design, ensuring that they are purposefully conceived to be easily recycled within the existing waste management stream. Ultimately, at the end of the recycling process, they can be transformed into valuable new materials.



OMB™-PET



BlisForm™ MA
APET films



BlisLid™ MA
APET lidding Film

Thickness range

- PET-Standard: 250µm

Very good thermoformability

Various formulations & coloration

Specific versions

- e.g. slip modified / UV stabilized



OMB™-PP



BlisForm™ MP
PP films



BlisLid™ MP
PP lidding film

Superior Water Vapor Barrier

- Higher intrinsic barrier compared to PVC and PET
- Equivalent to PVDC 40 gsm

Lightweight & Efficient

- Improved yield
- Density: < 1g/cm³

Sustainability benefits

- Designed to be recycled
- Lower carbon footprint due to removal of aluminum lid
- PCR-options available
- Reduces EPR cost (recycling fees)



OMB™-COC



BlisBa™ PCP
COC films



BlisLid™ PCP
COC lidding film

Superior Water Vapor Barrier

- Up to PVDC 120 gsm

Excellent Machinability

- Performs close to PVC portfolio
- Broad thermoforming window >20°C

Cost-Effective Blister Production

- No machine investment needed
- Good thickness distribution without plug assist

Improved Material Properties

- Lower shrinkage than standard PP
- Improved transparency

Sustainability benefits

- Designed to be recycled
- Lower carbon footprint due to removal of aluminum lid
- PCR-options available
- Reduces EPR cost (recycling fees)



BARRIER CHART

H ₂ O 	Water Vapour Transmission Rate [g/m ² *d]			
BlisBa™ PCP 360				0,27
BlisBa™ PCP 300				0,33
BlisBa™ PCP 250				0,42
BlisForm™ MP				0,90
BlisForm™ MA				6,00

Conditions: ASTM F-1249 | 38° C/90 % r.h.

O ₂ 	Oxygen Transmission Rate [cm ³ /m ² *d]			
BlisBa™ PCP 360				67,00
BlisBa™ PCP 300				84,00
BlisBa™ PCP 250				110,00
BlisForm™ MP				310,00
BlisForm™ MA				16,00

Conditions: ASTM D-3985 | 23° C/50 % r.h.





LIVEO
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LIVEO RESEARCH is the one-stop shop for your blister packaging. Benefit from our comprehensive expertise, our broad product portfolio and our proven services.



- ✓ Outstanding customer service: fast, efficient and reliable
- ✓ More than sixty years' experience
- ✓ Global availability of experienced engineers to discuss your needs
- ✓ Technical after-sales support available at shortest notice and worldwide
- ✓ R&D centers in Europe, USA and Asia
- ✓ Supply security assured with production plants and services on three continents



LIVEO RESEARCH is committed to sustainability.
Go to www.liveoresearch.com/en/sustainability to learn more.