LIVEO
RESEARCH

ONE-MATERIAL BLISTER (OMB™)

PET
OMB™
The Circular Blister
by Liveo Research
PP
COC



For over **60 years** supplier to the pharma industry

ABOUT LIVEO RESEARCH

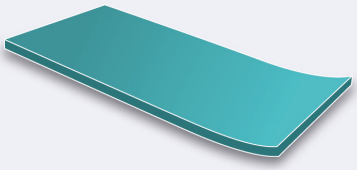
- Founded in 1962, Liveo Research is the leading global supplier of materials for primary packaging in the pharmaceutical and medical industry.
- We develop and implement tailor-made solutions for customers around the world.
- With a thorough focus and understanding of our markets, we can respond quickly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

ONE-MATERIAL BLISTER

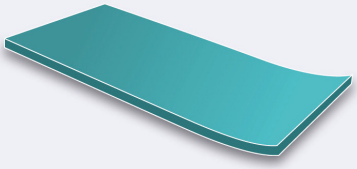
OMB – THE CIRCULAR BLISTER™

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. With sustainability at the core of their design, they are designed for recyclability within relevant recycling streams. Ultimately, at the end of the recycling process, they can be transformed into valuable new materials.

OMB™-PET



BlisForm™ MA
APET film



BlisLid™ MA
APET lidding film

Thickness range
- PET Standard: 250 µm

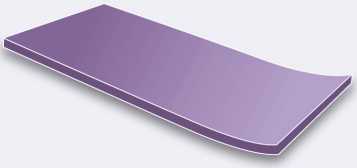
Very good thermoformability

Various formulations & coloration

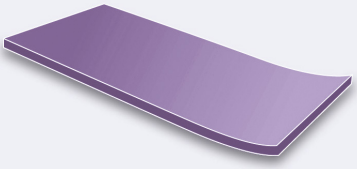
Sustainability benefits:
- Designed to be recycled
- Lower carbon footprint compared with conventional alu-lid blister configurations
- PCR options available
- Potential for lower EPR fees/cost (recycling fees)
- Fully compliant with applicable PPWR PFAS requirements



OMB™-PP



BlisBa™ MP
PP film



BlisLid™ MP
PP lidding film

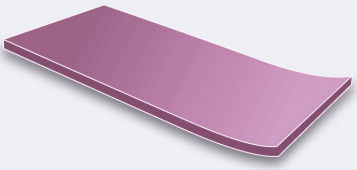
Superior Water Vapor Barrier
- Higher intrinsic barrier compared to PVC and PET
- Equivalent to PVDC 40 gsm

Lightweight & Efficient
- Improved yield
- Density: < 1 g/cm³

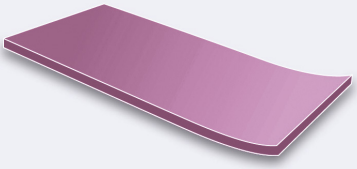
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OMB™-COC



BlisBa™ PCP
COC film



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 compared with conventional alu-lid blister configurations
- PCR options available
- Potential for lower EPR fees/cost (recycling fees)
- Fully compliant with applicable PPWR PFAS requirements



BARRIER CHART

H_2O	Water Vapour Transmission Rate [g/m²*d]
BlisBa™ PCP 360	0,27
BlisBa™ PCP 300	0,33
BlisBa™ PCP 250	0,42
BlisBa™ MP	0,90
BlisForm™ MA	6,00

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

O_2	Oxygen Transmission Rate [cm³/m²*d]
BlisBa™ PCP 360	67,00
BlisBa™ PCP 300	84,00
BlisBa™ PCP 250	110,00
BlisBa™ MP	310,00
BlisForm™ MA	16,00

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



LIVEO
RESEARCH

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



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- Global availability of experienced engineers to discuss your needs
- Worldwide technical after-sales support is available at short notice
- R&D centers in Europe, USA, and Asia
- Supply security assured with production sites and services on three continents

PLATINUM Top 1%
ecovadis
Sustainability Rating
JAN 2026

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

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