



LIVEO
RESEARCH

PHARMACEUTICAL PACKAGING INNOVATIONS

Films & foils for
primary packaging

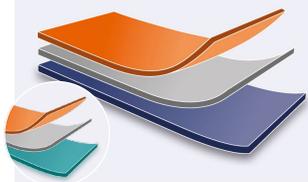
ABOUT LIVEO RESEARCH

- 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

PPI Product Overview

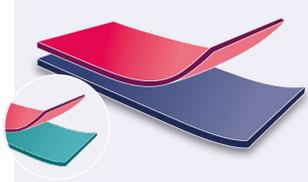
HIGH BARRIER



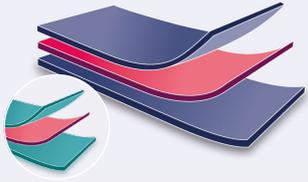
AquaBa™ TX
3-layer "Triplex" structure
Base | Intermediate | Barrier



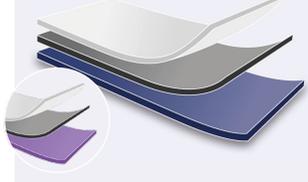
AquaBa™ SW
3-layer "Sandwich" structure
Base | Barrier | Base



Aclar® DX
2-layer "Duplex" structure
Base | Barrier

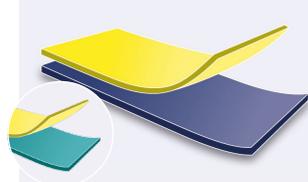


Aclar® SW
3-layer "Sandwich" structure
Base | Barrier | Base

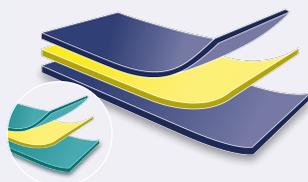


AluBa™
"Coldform" structure
Base | Barrier | Outerlayer

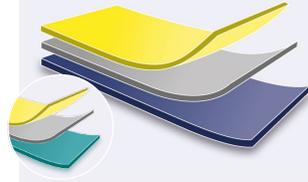
MID BARRIER



BlisBa™ DX
2-layer "Duplex" structure
Base | Barrier



BlisBa™ SW
3-layer "Sandwich" structure
Base | Barrier | Base



BlisBa™ TX
3-layer "Triplex" structure
Base | Intermediate | Barrier



BlisBa™ PCP
COC films



BlisLid™ PCP
COC lidding film

LOW BARRIER



BlisForm™ MV
PVC rigid film
Homopolymer/Copolymer



BlisForm™ MA
APET films



BlisLid™ MA
APET lidding film



BlisForm™ MP
PP films

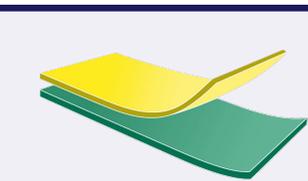


BlisLid™ MP (PT)
PP lidding film

NUTRACEUTICAL PACKAGING



RecyForm™ MA
APET with PCR (Post Consumer Recycled Content)



RecyBa™
Coated APET with PCR (Post Consumer Recycled Content)

Base	Intermediate	Barrier	Outerlayer
■ PVC	■ PE	■ SuperB	■ OPA
■ APET		■ ALU	
■ PP		■ PCTFE	
■ APET WITH PCR		■ PVDC	
■ PCP			

Aclar® is a registered trademark of Solstice Advanced Materials US, Inc.

OMB™

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 lies 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.



BARRIER CHART

The values in the barrier chart are valid for all possible structures, such as DX, TX, and SW.

 Water Vapour Transmission Rate [g/m ² *d]		 Oxygen Transmission Rate [cm ³ /m ² *d]	
AluBa™	0	AluBa™	0
AquaBa™ 180	0,06	AquaBa™ 180	0,07
Aclar® 4000	0,06	Aclar® 4000	11,30
AquaBa™ 150	0,08	AquaBa™ 150	0,10
Aclar® 3000	0,08	Aclar® 3000	12,30
AquaBa™ 120	0,11	AquaBa™ 120	0,13
Aclar® 2000	0,11	Aclar® 2000	13,30
Aclar® 900	0,24	Aclar® 900	17,00
BlisBa™ / RecyBa™ 120	0,25	BlisBa™ / RecyBa™ 120	0,30
BlisBa™ PCP 360	0,27	BlisBa™ PCP 360	67,00
BlisBa™ / RecyBa™ 90	0,30	BlisBa™ / RecyBa™ 90	0,50
BlisBa™ PCP 300	0,33	BlisBa™ PCP 300	84,00
Aclar® 160	0,35	Aclar® 160	20,00
BlisBa™ PCP 250	0,42	BlisBa™ PCP 250	110,00
BlisBa™ / RecyBa™ 60	0,45	BlisBa™ / RecyBa™ 60	0,70
BlisBa™ / RecyBa™ 40	0,65	BlisBa™ / RecyBa™ 40	1,20
BlisForm™ MP	0,90	BlisForm™ MP	310,00
BlisForm™ MV	3,30	BlisForm™ MV	16,00
BlisForm™ MA / RecyForm™ MA	6,00	BlisForm™ MA / RecyForm™ MA	16,00

Conditions: ASTM F-1249 | 38° C/90 % r.h.
Base film 250 µm

Conditions: ASTM D-3985 | 23° C/50 % r.h.
Base film 250 µm

QUALITY & REGULATORY

- Current valid EU Pharmacopeia
- Current valid US Pharmacopeia
- US DMF #1081
- Canadian DMF #2017-093
- China DMF
- EC 1935/2004, (EU) N o. 10/2011
- REACH – Regulation (EC) No. 1907/2006
- Directive 94/62/E C
- US CFR 21
- US CONEG Regulations
- ISO 15378



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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.