PHARMACEUTICAL BLISTER PACKAGING

Aclar®

PCTFE laminated films

LIVEO RESEARCH

Liveo Research's special rigid films formulations laminated with Aclar® for high to ultra-high barrier blisters. The company's proprietary film formulation allows for increased machine speeds and low forming temperatures to reduce or almost completely eliminate the curling effect of blisters.

AVAILABLE STRUCTURES

Aclar® DX
2-layer "Duplex" structure

Aclar® SW
3-layer "Sandwich" structure



PROPERTIES & BENEFITS

MEDIUM TO ULTRA-HIGH H_2O BARRIER

up to 0,05 g/m²*d depending on Aclar® grade

(see reverse side)

REDUCED BLISTER CURLING

due to our special base film formulation

IMPROVED UV-PROTECTION

special base film formulation protects packaged goods against UV

FIELDS OF APPLICATION

- Ethicals
- Generics
- OTC
- Veterinary
- More upon request

SERVICES FOR YOUR NEEDS

- Timesaving up to 50%: We identify the most suitable packaging solution for you
- Packaging costs: Save up to 40% of your current costs by using one of our services
- Material efficiency: our services can help reduce waste by up to 30%*

YOUR BENEFIT

- Excellent customer service representatives available worldwide
- Global technical support from our large staff of engineers
- More than 60 years of experience in our R&D centers in Europe, USA, and Asia
- Security of supply: Multiple production facilities in Europe, USA, and Asia

Ask about our service portfolio!

info@liveoresearch.com
www.liveoresearch.com

*Based on Liveo Research multiple industry studies. Results vary by application.

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BARRIER CHART

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

H_2O	Water Vapour Transmission Rate [g/m²*d]
AluBa™	0
Aclar Accel® 5400	0,05
AquaBa™ 180	0,06
Aclar® 4000	0,06
AquaBa™ 150	0,08
Aclar® 3000	0,08
AquaBa™ 120	0,11
Aclar® 2000	0,11
Aclar Accel® 1700	0,15
Aclar® 900	0,24
BlisBa™ 120	0,25
BlisBa™ PCP 360	0,27
BlisBa™ 90	0,30
BlisBa™ PCP 300	0,33
Aclar® 160	0,35
BlisBa™ PCP 250	0,42
BlisBa™ 60	0,45
BlisBa™ 40	0,65
BlisBa™ MP	0,90
BlisForm™ MV	3,30
BlisForm™ MA	6,00

Conditions: ASTM F-1249 | 38° C/90 % r.h.
Base film 250 µm, Base film PP 300 µm

O_2	Oxygen Transmission Rate [cm³/m²*d]
AluBa™	0
Aclar Accel® 5400	9,50
AquaBa™ 180	0,07
Aclar® 4000	11,30
AquaBa™ 150	0,10
Aclar® 3000	12,30
AquaBa™ 120	0,13
Aclar® 2000	13,30
Aclar Accel® 1700	14,50
Aclar® 900	17,00
BlisBa™ 120	0,30
BlisBa™ PCP 360	67,00
BlisBa™ 90	0,50
BlisBa™ PCP 300	84,00
Aclar® 160	20,00
BlisBa™ PCP 250	110,00
BlisBa™ 60	0,70
BlisBa™ 40	1,20
BlisBa™ MP	310,00
BlisForm™ MV	16,00
BlisForm™ MA	16,00

Conditions: ASTM D-3985 | 23° C/50 % r.h.
Base film 250 µm, Base film PP 300 µm

QUALITY & REGULATORY

Compliance

- Compliant with Ph. Eur. and USP requirements
- Compliant with US CFR Title 21
- EU food contact compliant according to Regulation (EC) No 1935/2004 and Regulation (EU) No 10/2011
- Compliant with REACH Regulation (EC) No 1907/2006
- Compliant with CONEG
- Compliant with Regulation (EU) 2025/40), Article 5

Registrations / Filings

- US DMF No. 1081 available
- Canadian DMF No. 2017-093 available
- Chinese CDE registration available

Manufacturing / Quality

- Produced according to ISO 15378

More than 60 years of experience that we are glad to share!
Contact us for further information!

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www.linkedin.com/company/liveo-research/

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