

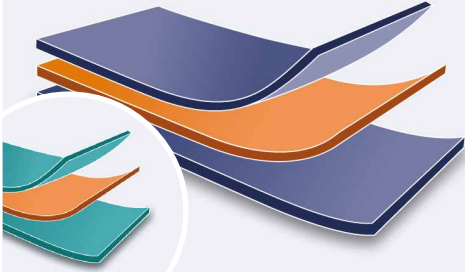
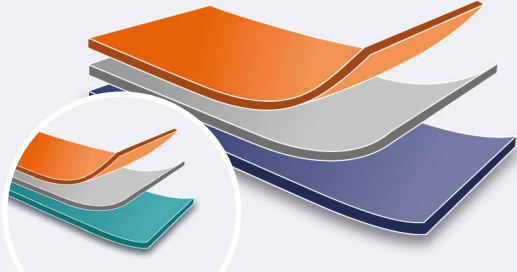
# AquaBa

Super-B – PVdC coated films



AquaBa barrier films combine Liveo Research's advanced calendered rigid film technology, coated with Super-B (PVdC) dispersion. Suitable for high up to ultra-high barrier requirements with additional oxygen barrier.

## AVAILABLE STRUCTURES

<p><b>AquaBa SW</b> 3-layer "Sandwich" structure</p> 	<p><b>AquaBa TX</b> 3-layer "Triplex" structure</p> 	<p><b>Base</b></p> <ul style="list-style-type: none"> <li>■ PVC</li> <li>■ A-PET</li> </ul> <p><b>Intermediate</b></p> <ul style="list-style-type: none"> <li>■ PE</li> </ul> <p><b>Barrier</b></p> <ul style="list-style-type: none"> <li>■ Super-B</li> </ul>
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## PROPERTIES & BENEFITS

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**HIGH UP TO ULTRA HIGH H<sub>2</sub>O BARRIER**  
up to 0,06 g/m<sup>2</sup>\*d  
depending on coating weight  
*(see reverse side)*
- 

**HIGH UP TO ULTRA HIGH O<sub>2</sub> BARRIER**  
up to 0,07 cm<sup>3</sup>/m<sup>2</sup>\*d  
depending on coating weight  
*(see reverse side)*
- 

**COLOUR**  
available in white opaque  
and transparent colours:  
*clear, yellow, orange, red, blue,  
green, amber, brown*

## FIELDS OF APPLICATION

- Ethicals
- Generics
- OTC
- Nutraceuticals
- Veterinary
- Probiotics
- Dietary Supplements
- more upon request

## SERVICES FOR YOUR NEEDS

- Time-saving up to 50 %: We identify the most suitable packaging solution for you
- Packaging costs: Save up to 40 % of your actual costs by using one of our services
- Sustainability: Up to 30 % reduction of waste by using one of our service products

## 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!

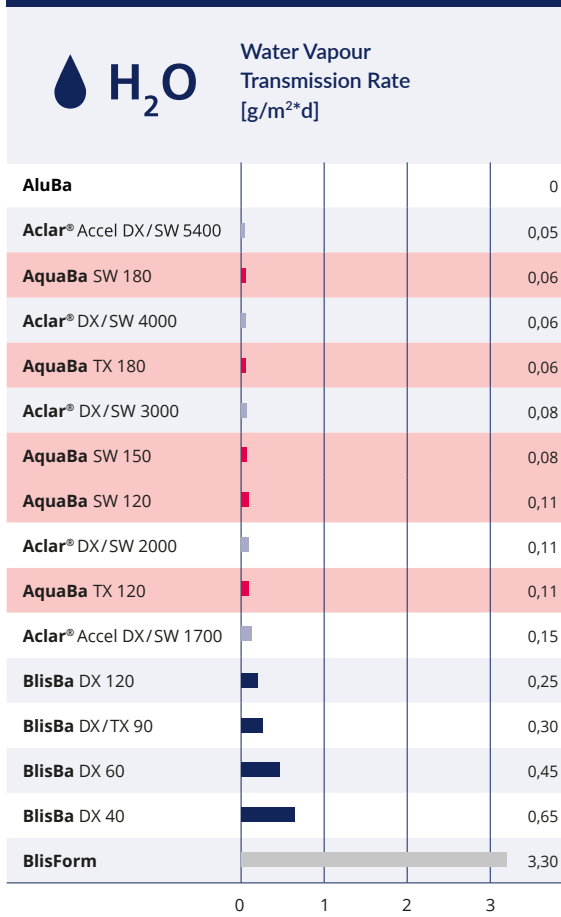
[info@liveoresearch.com](mailto:info@liveoresearch.com)  
[www.liveoresearch.com](http://www.liveoresearch.com)

# AquaBa

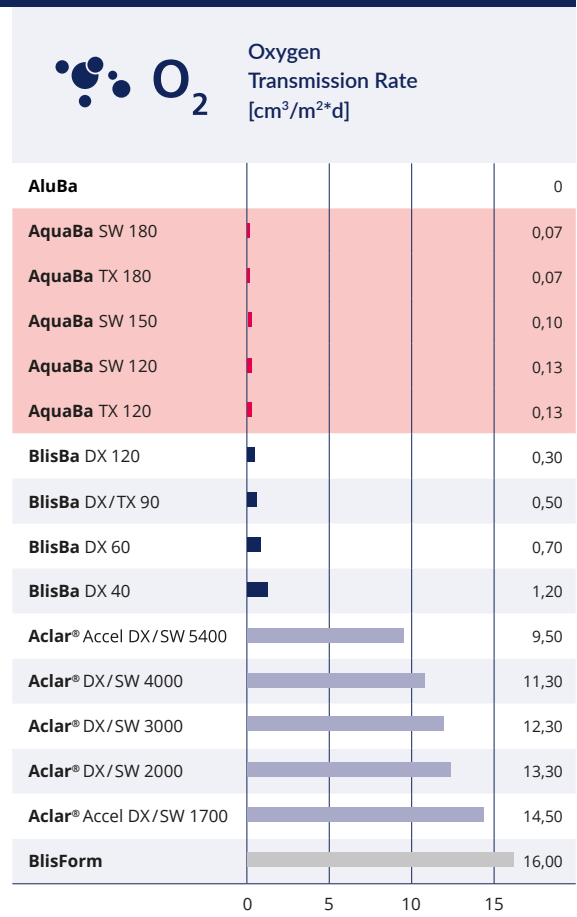
Super-B – PVdC coated films



## BARRIER CHARTS



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



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

*Aclar® is a registered trademark of Honeywell International Inc.*

## QUALITY & REGULATORY

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



Innovation meets experience – development meets customers' demands:  
Benefit from one of our latest developed barrier products.  
Contact us for further information!

[info@liveoresearch.com](mailto:info@liveoresearch.com) [www.liveoresearch.com](http://www.liveoresearch.com)