

Röchling

Medical

More Than an Alternative to Glass

Why multi-layer
bottles matter in
veterinary medicine...





Break Resistance

Reduced risk of breakage during transport, storage and daily handling

Designed to help reduce typical consequences of glass breakage:

- product loss,
- injury risks,
- contamination and
- missed treatments



Handling and Ergonomics

Lightweight and easy to handle

Especially relevant for larger fill
volumes in veterinary applications





Sustainability

LCA studies indicate lower global warming impact for polymer vial systems compared to glass vial systems

One LCA study reported a 23% lower global warming impact for a polymer vial system compared to glass vials





Protection and Barrier Properties

With appropriate gas and permeation barrier properties

Helps protect against:

- moisture
- oxygen
- UV radiation

Supporting product stability and shelf life



Our Co-Extrusion Expertise

**Material selection.
Layer design.
Controlled processing.**

Built to meet specific barrier and
handling requirements



Looking for an alternative to glass?

Multi-layer plastic bottles can combine break resistance, handling benefits, barrier protection and sustainability considerations.

Depending on the formulation, tailored layer design can also support polymer protection in contact with the filled product.

**Save this overview
for your next
packaging project.**