



Protect, Mix & Deliver.

DuoVIAL® - The contemporary primary pharmaceutical packaging system, combining the advantages of vial & ampoule into a single unit. This dual-chamber container in glass is designed to **PROTECT** your moisture sensitive lyophilised active, stored alongside its pre-measured diluent. Easy to combine and **MIX** your formulation within, also without external transfer. **DELIVER** your product via a range of application routes and solutions.



DuoDERM - The lead product in our portfolio. A topical solution for lyophilised skin probiotics. Maintain the efficacy and extend the shelf-life of your lyophilised LBPs (live biological products).

Re-Usable AppTivator



Easy Operation

Insert cartridge into AppTivator.
Screw on cap and tip to activate.
Swirl contents to mix and wet-out tip.
Apply reconstituted formulation to skin.
Eject cartridge and replace as prescribed.

Single Use Cartridge



Minimal material combination

Glass (tubular forming) and Aluminium foil (direct induction sealed).

*Designed for Recycling

Packaging Volume and Materials Reduction

DuoDERM can reduce your shipping volumes, as well as secondary packaging materials use by ~50%. Reduce your logistics, storage, carbon footprint and costs!

DuoDERM's minimalist design and material rationalisation aids recyclability, as well as reducing packaging weight by ~25%.



**TRADITIONAL PHARMA



SINGLE USE PLASTIC



DUODERM 2.0

Unit Dose Format

DuoVIAL® is scalable to optimise your dose - pack size format. Reduction % will depend on formulation dose and packaging options. DuoDERM 2.0 - Lyophilised powder = 150mg. Liquid = 2.0ml.

www.duovial.com/duoderm

*Recyclability is dependent on the recycling infrastructure utilised. ** Traditional Pharma Pack is based upon 2R Vial & 2ml Ampoule.