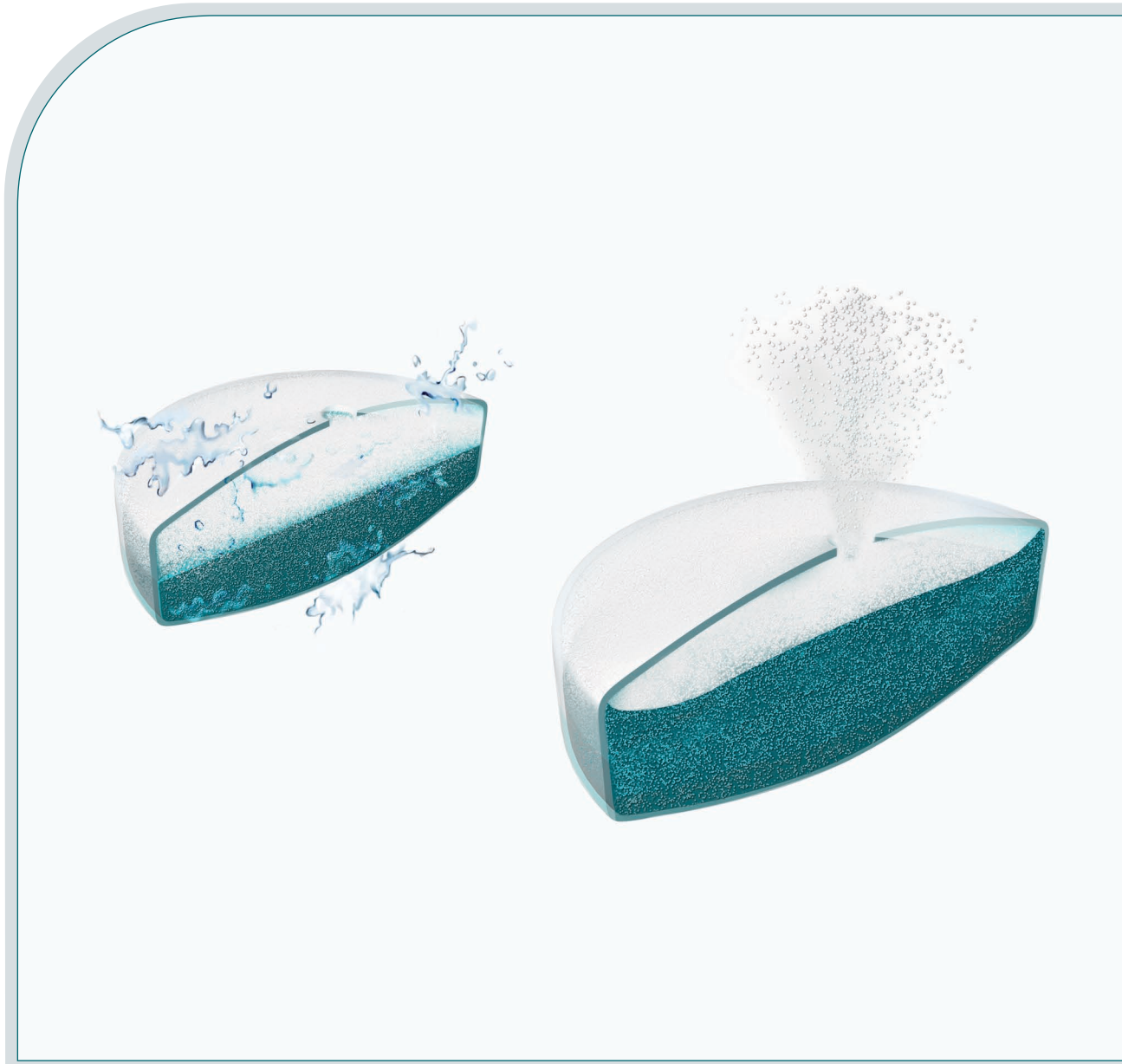


OPADRY[®] CA

FULLY FORMULATED OSMOTIC COATING SYSTEM



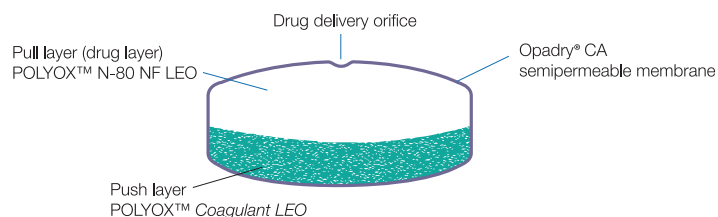
Save Manufacturing Time and Deliver Consistent Release
from Osmotic Pump Tablets



Opadry® CA, fully formulated osmotic coating system is the first, one-step semipermeable membrane designed to ensure consistent release from osmotic pump tablets.

Incorporating cellulose acetate as the water-insoluble component and polyethylene glycol (PEG) as pore-former, Opadry CA is dissolved directly in a co-solvent mixture, providing fast and easy preparation of the coating solution. By optimizing the levels of the key components, and accounting for critical material attributes, the permeability of the film is controlled, providing consistent drug release from a push-pull osmotic pump (PPOP) tablet.

Opadry® colored top-coat can be applied to provide the additional benefits of film coating: branding, differentiation and improved swallowability, while covering the laser drilled hole. Additionally, an imprint may be included for product recognition.



Reduces Time and Cost

- Reduce coating solution preparation time by 2 hours
- Single component means lower raw material inventory, QC testing, and documentation costs
- Simple coating method to manage critical process parameters and reduce risk of batch failures

Quality by Design

- Fully formulated system based on Opadry® knowledge and history
- Consistent coating performance assured through control of variable components
- Lot-to-lot consistency guaranteed through manufacturing process trending

Your Formulation Partner™

- Feasibility and trial capabilities through Colorcon Technical Service Centers
- On-site scale-up and production assistance from our team of technical specialists
- Regulatory support to mitigate risk and provide supporting documentation
- Reliable and sustainable global supply chain

Full supporting product and applications literature is available through the Colorcon website.

Deliver high-performance products – with Colorcon

Choose Colorcon, leader in pharmaceutical solid oral dose solutions, as a formulation partner in every phase of your product development. Our solution capabilities originate from two main areas of expertise:

Formulation Technologies:

- Full range of functional excipients
- Technologies for development and production of delayed/enteric release and extended/controlled release tablets and multiparticulates
- HyperStart® service and extensive applications data to provide starting formulations to save you development time and money
- Extensive formulation know-how and technical support to achieve the exact drug release profile desired

Film Coatings:

- Optimized formulations specifically for your application and regulatory needs including customized colors and color matching
- Innovative products for mechanical integrity, gloss, pearlescence, and environmental protection
- Brand enhancement concepts, consulting and services to build a strong brand image and stand out from the competition

From formulation and tablet design through product differentiation and branding, Colorcon gives you everything you need to deliver high-performance products.

For more information, contact your Colorcon representative or call:

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