

# Save Manufacturing Time

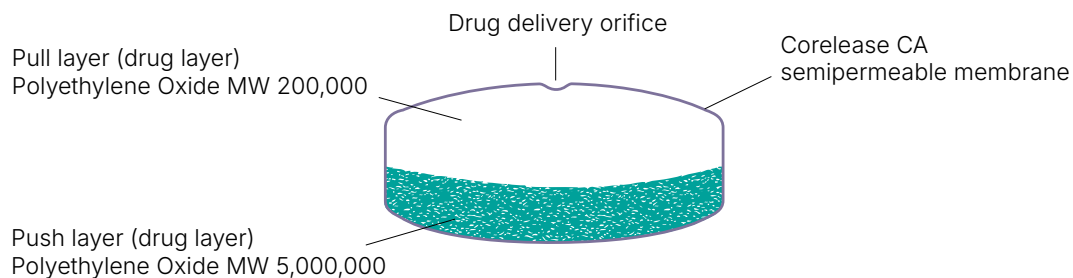
and Deliver Consistent Release  
from Osmotic Pump Tablets



## 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, Corelease 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® pigmented 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
- Simple coating method to manage critical process parameters and reduce risk of batch failures



## Quality by Design

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



## Your Formulation Partner<sup>™</sup>

- 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





# Deliver high-performance products with Colorcon

## Film Coatings

Optimized formulations to design a unique tablet brand and meet regulatory requirements with customized colors. Innovative coatings for mechanical integrity, gloss finish, and environmental protection.

## Specialty Excipients

Functional excipients designed for manufacturability and supported by comprehensive application data to streamline development and achieve robust final products.

## Controlled Release Systems

Eliminate the complexity of drug product development and manufacturing through innovative controlled release formulated systems.

## Functional Packaging

Colorcon is a leading specialist in providing controlled atmosphere packaging with in-depth knowledge of moisture, oxygen and odor management for healthcare packaging.

With global technical support, unparalleled quality and regulatory expertise, and reliable supply, Colorcon is your trusted partner in controlled release to help you to streamline complex processes and achieve success.

Transforming Innovation into Solutions  
[www.colorcon.com](http://www.colorcon.com)

