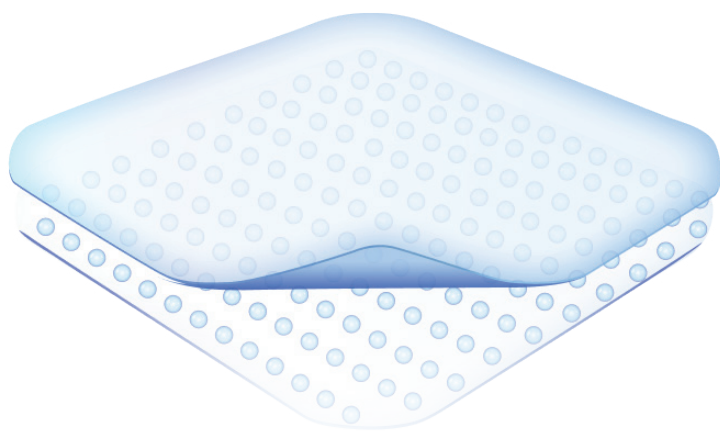




LEARN MORE -  
START A PARTNERSHIP +1 (877) 727-6275

## BUCCAL THIN FILMS: DIRECT-TO-BLOODSTREAM DELIVERY THAT BYPASSES G.I. BARRIERS



ARx's buccal thin films deliver APIs directly into the bloodstream—bypassing the gut and liver metabolism—to ensure steady, predictable dosing through a truly innovative delivery platform.

### PLATFORMS THAT STICK. FORMULATIONS THAT DELIVER.

Our proprietary mucoadhesive platform provides secure adhesion and precise drug release, from rapid onset to extended delivery, while prioritizing patient comfort. Backed by six decades of polymer expertise, ARx transforms complex delivery challenges into scalable, market-ready solutions that redefine patient care.

### OUR STREAMLINED BUCCAL FILM DEVELOPMENT PROCESS:

- **API Compatibility & Solubility Assessment**  
We evaluate your compound's buccal film potential using proprietary screening methods developed from decades of success in transmucosal delivery systems.
- **Permeation Enhancement Optimization**  
Advanced modeling systems predict optimal drug/enhancer combinations and polymer interactions to maximize bioavailability through the buccal mucosa.
- **Multi-Layer System Design**  
Customized single or multi-layer architectures control drug release profiles, from rapid 5-minute dissolution to sustained 12-hour delivery systems.
- **Mucoadhesive Strength Optimization**  
Specialized polymer selection ensures secure tissue adherence while maintaining patient comfort throughout the intended residence time.
- **Scale-Up & Process Validation**  
Together, we transition from prototype development to commercial manufacturing with validated processes that ensure consistent film performance and regulatory compliance, all at a single site for seamless technology transfer.





LEARN MORE -  
START A PARTNERSHIP +1 (877) 727-6275

## COMPREHENSIVE ARX BUCCAL FILM SERVICES INCLUDE:

### Formulation & Feasibility

- API/mucoadhesive compatibility evaluation
- Permeation enhancer screening & optimization
- Multi-layer system architecture and design
- Release profile engineering for target therapeutic windows

### Process Development & Scale-Up:

- Solution and suspension casting for film formation
- Hot-melt extrusion and micro-depositing capabilities
- Content uniformity optimization and dose precision control
- Pilot-to-commercial scale process translation

### Analytical & Quality Support

- Dissolution and permeation testing protocols
- Analytical methods development and validation
- Stability studies and shelf-life determination
- Bioavailability and bioequivalence study support


### Commercial Manufacturing

- cGMP facilities with 100M+ annual unit capacity
- Equipment qualification (IQ/OQ/PQ) and validation
- Complete tech transfer and regulatory documentation



## LOOKING TO INTEGRATE YOUR API INTO A NEXT-GEN DELIVERY SYSTEM?

Partner with ARx to transform your therapeutic concepts into scalable, regulatory-compliant products.

 **Phone:** +1(717) 235-7979  
**Toll-Free:** +1(800) 445-6240

 [marketing@arxpharma.com](mailto:marketing@arxpharma.com)

 400 Seaks Run Rd.  
Glen Rock, PA 17327

## FAST-TRACK YOUR BUCCAL THIN FILM'S SUCCESS

ARx doesn't just develop buccal films. We engineer innovative, patient-centric delivery systems made for fast development and seamless scale-up.

Leveraging advanced mucoadhesive technology, multilayer precision, and QbD principles, we accelerate your path to market while ensuring dose accuracy, stability, and regulatory compliance at every stage.

**65**

Delivers up to 65  
mg of API per film

**5-30**

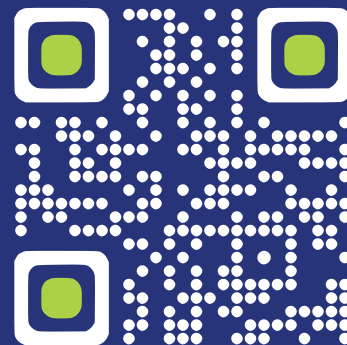
Custom dissolution times  
from 5 to 30 minutes

**12**

Sustained release for  
up to 12 hours

**36**

Stability of up to 36 months  
for global distribution



For More Information, Please Visit:  
[arxpharma.com](http://arxpharma.com)