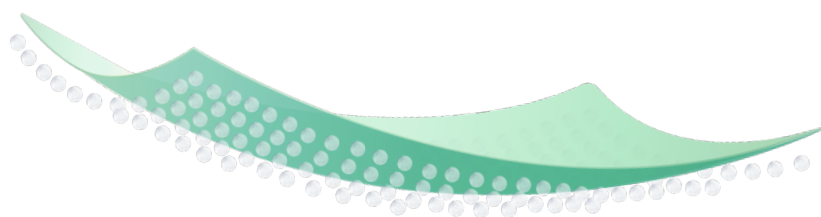




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SUBLINGUAL THIN FILMS: BREAKTHROUGH BIOAVAILABILITY WITHOUT THE NEEDLE



WHEN MINUTES MATTER AND BIOAVAILABILITY IS NON-NEGOTIABLE, TRADITIONAL DELIVERY METHODS FALL SHORT.

First-pass metabolism destroys potency. Slow GI absorption delays relief. Patient compliance remains unpredictable. ARx Sublingual Thin Films eliminate these barriers, delivering APIs directly to the bloodstream through the highly vascularized sublingual mucosa.

The result? Faster onset, higher bioavailability, and a patient experience that drives adherence.

SPECIFICATIONS SNAPSHOT

- **Dissolution Speed:** 5-30 seconds
- **API Load:** Up to 65 mg per film
- **Size Range:** 2-8 cm²
- **Formulations:** Single/multi-layer with optional permeation enhancers
- **Best Fit For:** APIs requiring rapid onset or suffering from poor oral bioavailability

STRAIGHT TO SYSTEMIC, NO DELAYS OR DETOURS

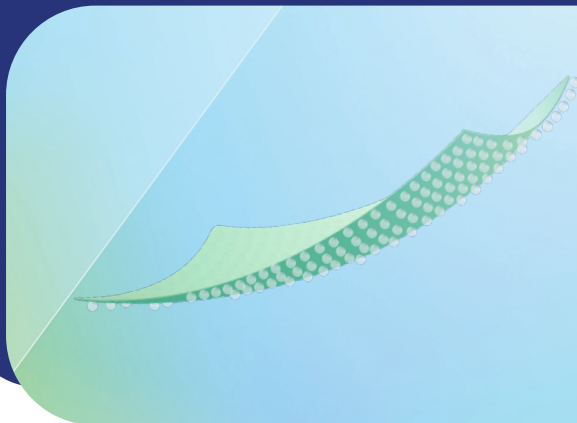
Our advanced polymer science creates precision-dosed films that dissolve rapidly under the tongue, bypassing digestive obstacles:

1. **Direct-to-Bloodstream Absorption:** Placed under the tongue, the film dissolves rapidly, allowing the API to pass directly through the sublingual mucosa.
2. **Bypass GI & First-Pass Metabolism:** Avoid enzymatic degradation and hepatic metabolism, enhancing bioavailability with lower API loads.

Dose Accuracy & Convenience: Each film delivers a precisely measured dose in a water-free, portable format—ideal for patients with dysphagia or in emergency use cases.

Flexible Formulation Options: Single or multi-layer designs, permeation enhancers, and taste-masking strategies offer tailored solutions for your API.

Built For Scale: Manufactured in cGMP facilities with robust controls for uniformity, stability, and performance.





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YOUR END-TO-END PARTNER IN SUBLINGUAL FILM DEVELOPMENT



Formulation Development:

We engineer sublingual matrices specifically for your API, optimizing mucosal permeation and systemic absorption.



CMC Product Development:

Comprehensive development from concept to commercial manufacturing with complete CMC documentation.



Analytical Testing:

Validated dissolution, permeation, and stability methods ensure consistent product performance.



Process Development & Optimization:

Scalable, QbD processes principles ensure seamless transition from development to high-volume commercial production.



Quality & Regulatory Support:

Decades of FDA experience are ready to support your regulatory pathways—IND, ANDA, or NDA submissions.



Commercial Manufacturing:

Over 100M + units produced annually in FDA-registered, cGMP facilities.

DELIVER WHERE IT MATTERS, WHEN IT COUNTS

At ARx, we understand that pharmacokinetics can curb your compound's commercial success. Our sublingual systems bypass first-pass metabolism, overcome poor bioavailability, and navigate narrow therapeutic windows to support new indications and patient populations.

65

Delivers up to 65 mg of API per film.

5

Rapid dissolution time in as soon as 5 seconds.

20+

Over 20 years in commercial manufacturing.

9

Proven quality system with 9 positive FDA inspections.




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

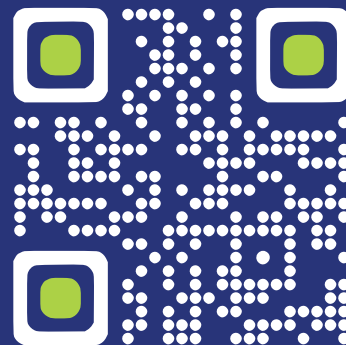
Partner with ARx to transform your therapeutic concepts into scalable, regulatory-compliant products.

 **Phone:** +1(717) 235-7979

Toll-Free: +1(800) 445-6240

 marketing@arxpharma.com

 400 Seaks Run Rd.
Glen Rock, PA 17327



For More Information, Please Visit:

arxpharma.com