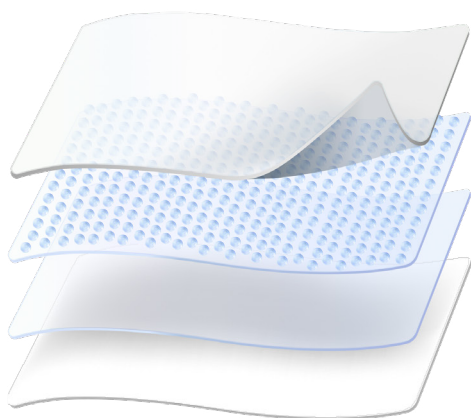




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TRANSDERMAL PATCHES: YOUR ALTERNATIVE TO ORAL AND INJECTABLE



FROM FIRST-PASS TO FIRST-CLASS DELIVERY

ARx custom develops and manufactures transdermal patches for branded and generic drug applications. Leveraging over 60 years of adhesive formulation and polymer science expertise, our time-tested process ensures appropriate excipient selection and maximum API performance:

1. **API-Optimized Formulation:** The API is embedded in a polymer matrix or adhesive system, designed for controlled release and optimized skin permeation.
2. **Adhesion & Activation:** Once placed on intact skin, body heat and moisture trigger the diffusion process—no need for priming, mixing, or devices.
3. **Passive Transdermal Absorption:** The API moves through the skin and into systemic circulation, bypassing the gut and liver for smooth, predictable delivery.
4. **Controlled Systemic Exposure:** Patches deliver a consistent dose over hours or days, reducing plasma spikes and ensuring long-lasting effects.
5. **Built-In Scalability & Compliance:** Manufactured in FDA-inspected, cGMP facilities with in-line quality controls for dose, adhesion, and drug release performance.

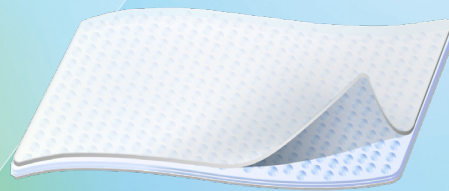
STRUGGLING WITH PATIENT ADHERENCE, BIOAVAILABILITY ISSUES, OR FIRST-PASS METABOLISM LIMITATIONS?

Conventional delivery routes can dilute drug efficacy and complicate treatment regimens. ARx understands the cost of these inefficiencies, so we've spent decades engineering more effective ways to deliver drugs.

That's where ARx Transdermal Patches come in: advanced, patient-friendly systems that deliver consistent, systemic drug levels—no GI tract required.

SPECIFICATIONS SNAPSHOT

- **Patch Sizes:** 2–100 cm²
- **Wear Duration:** Up to 7 days of continuous delivery
- **Thickness Range:** 25–300 microns
- **Formulations:** Drug-in-adhesive, matrix, or reservoir
- **Best Fit For:** Potent, lipophilic APIs needing chronic delivery





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YOUR END-TO-END PARTNER IN TRANSDERMAL PATCH DEVELOPMENT



Formulation Development:

We tailor transdermal systems to your API—balancing drug release rate, skin permeability, and adhesion.



CMC Product Development:

From prototype to regulatory filing, we support full Chemistry, Manufacturing & Controls (CMC) development.



Analytical Testing:

Robust analytical methods and in vitro release testing for uniformity, stability, and dose accuracy.



Process Development & Optimization:

QbD principles drive scalable, efficient manufacturing—ready for commercial volume.



Quality & Regulatory Support:

Decades of FDA experience to support your IND, ANDA, or NDA submission.




Commercial Manufacturing:

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



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

DELIVER THE DIFFERENCE

At ARx, we turn complex delivery challenges into patient-ready solutions. With deep expertise in polymer science, skin physiology, and regulatory pathways, our transdermal systems help you reach your target—and stick the landing.

7

Customizable absorption profiles for up to 7 days.

60+

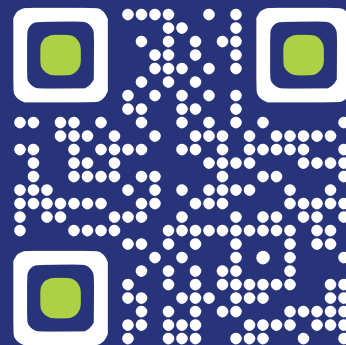
Over 60 years in adhesives and polymer science.

20+

Over 20 years in commercial cGMP manufacturing.

9

Proven quality system with 9 positive FDA inspections.



For More Information, Please Visit:
arxpharma.com