



# LaserSharp **FlexPak** Services, LLC

**LaserSharp FlexPak Services**, located in Vadnais Heights, MN, is a premier toll laser converter dedicated to the development of innovative laser solutions for the flexible packaging industry. We provide numerous laser converting processes and solutions to meet your specific requirements.

Our state of the art 12,000 square foot food grade facility is ISO: 9001:2008 and AIB certified. Quality and accuracy are the most important components of our manufacturing processes and services. Delivering your laser processed film in a professional, cost-efficient, and timely manner is critical and our main goal.

We are committed to developing the appropriate laser processed solution for you to improve the quality and convenience of your product. With the help of advanced LaserSharp® technology, LaserSharp FlexPak Services has become a recognized leader in the flexible packaging industry and a necessary part of your supply chain.

To demonstrate our commitment to quality, we conduct several quality tests in-house. Find the following services and more at LaserSharp FlexPak Services:

- Oxygen transmission rate testing
- Tensile strength testing
- Microscopic analysis
- Air flow analysis
- Permeation tests



Learn more about our facility



## **Converting Services**

- Laser converting and production
- Confidential package development
- Cross section imaging
- Gas and vapor transmission
- Assistance with air flow measurement and calculations
- Pouch production and slitting (outsourced opportunities)

## **Flexible Packaging Applications**

- Easy open pouches
- Breathable packaging
- Microwavable and steam release packaging
- Peel and reclose pouches
- Stick packs
- Retort food pouches and fresh produce packaging
- Brand identification

## **Flexible Packaging Processes**

- Laser scoring
- Laser perforating
- Laser die cutting
- Laser etching

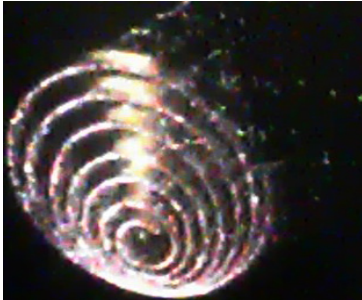
## **Industries Served**

- Medical
- Pharmaceutical
- Food and beverage
- Consumables



# **FlexPak**

**LaserSharp Services, LLC**



### **Advantages of Laser Processing**

- Non-contact process
- Precise hole size
- Consistent shape
- Complete accuracy in registration with print
- Clean holes without residue
- Cauterized edge
- Small features possible
- Precise depth control to maintain barrier integrity
- Consistent tearing
- Fewer holes required for venting
- No/minimal downtime
- Easy and rapid change over/set up
- Multiple processes available in a single production run:
  - Contoured and straight scored lines
  - Perforated patterns
  - Machine direction or cross web processing
  - Micro-perforating, scoring, and etching capabilities
  - Laser die cutting solutions

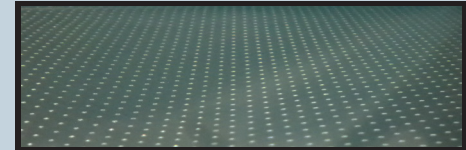
**For more information about our contract services contact us at:**

LaserSharp FlexPak Services, LLC  
3500 Willow Lake Blvd., Suite 700  
Vadnais Heights, MN 55110  
Phone: 651-789-8800  
Fax: 651-789-8801  
Web: [www.flexpakservices.com](http://www.flexpakservices.com)

### **LaserSharp® Applications**

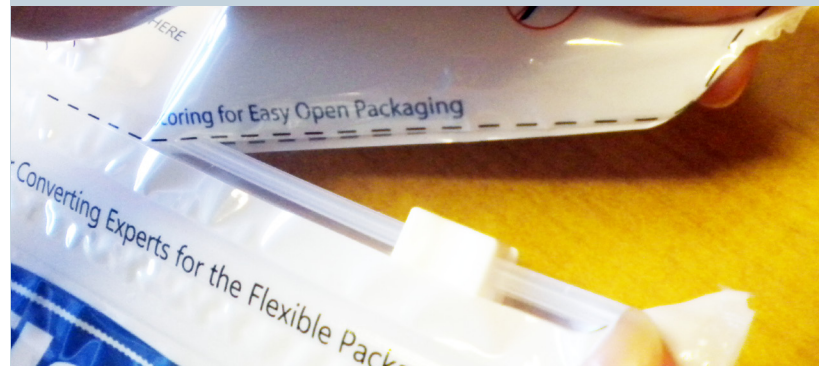
#### **Laser Perforating**

- Breathable packaging
- Microwave features
- Venting
- Gas transmission
- Rapid-filling



#### **Laser Scoring**

- Easy open features
- Peel and reclose applications
- Steam release and venting features
- Microwave features
- Brand identity, etching, and marking



#### **Laser Die Cutting**

- Through cut
- Notching
- Slitting



Learn more  
about our  
services