



LaserSharp **FlexPak** Services, LLC

LaserSharp® Perforating:

LaserSharp FlexPak Services, LLC offers perforating for breathable packaging. This process offers precise breathable features that allow vapor and gas exchange with controlled micro-hole size, depth and location. Unlike mechanical perforating our laser process produces consistent holes that are clean and strong to avoid propagation. This process has been proven for perishable food, microwaveable and rapid-fill packaging.

LaserSharp FlexPak Services can develop a specific micro perforated hole size and pattern for your packaged products. Laser micro perforations improve the atmosphere of your packaging and will extend the shelf life of your products, by controlling the ideal amount of oxygen, carbon dioxide and moisture. Laser micro perforating will help in reducing condensation & bacteria growth, while keeping your product fresh longer with better flavor.

Laser micro-perforating also creates a low cost mechanism of steam-release for microwave applications and venting for rapid fill packaging. It reduces the damage during transportation and improves storage and palletization.

Laser micro perforating advantages:

- Microwave steam-release features
- Venting for rapid fill for better palletizing and storage
- OTR and gas transmission
- Controlled depth
- Clean of residue and round shapes
- Consistent hole size
- Adjustable hole size to specific product
- Adjustable perforating patterns for required OTR
- Smallest features possible
- Thermally sealed edges reduce propagation and tearing

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Perforating for Breathable Packaging

