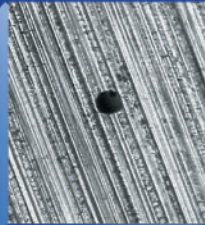


## ULTRA-PRECISE CALIBRATED LEAK TEST ORIFICES



Leak hole diameters  
as small as 5 microns  
or less



Resonetic's proprietary UV micro laser drilling technology can precisely and repeatedly drill leak hole diameters as small as 5 microns into packages or ready-to-apply metal or plastic orifices.

What better way to ensure packaging integrity than by introducing calibrated leaks to verify correct operation of on-line leak detector equipment.

### FEATURES

- Leak hole diameters as small as 5 microns
- Excellent hole diameter repeatability
- Accurate leak hole placement
- Quality assurance with in-house or customer supplied leak detector equipment

### PACKAGING

- Metal Containers
- Filled Pouches
- Blister Packs
- Vials
- Check Valves
- Plastic Ampoules
- Bags
- IV Sets
- Filled and Sealed Bottles
- Canisters

**Resonetics is trusted to make sure:**

- Leak Detector Equipment OEM's can confirm their equipment performance
- End Product Packagers can guarantee package integrity

**RESONETICS** Laser Micromachining Group  
from the largest independent laser micromachining company

4 Bud Way, Nashua, New Hampshire 03063 • Phone (603) 886-6772 • Fax (603) 886-3655 • e-mail: sales@resonetics.com

# LEAK ORIFICE TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Laser drilling leak orifices into customer-supplied packages	
Hole Diameter	Per customer specification. Consult factory As small as 5 microns or less
Flow Rate	Per customer specification. Consult factory
Material Types	Polyethylene Polyimide Polypropylene Latex Plastic Foil Laminate Aluminum Stainless Steel Tantalum

## READY-TO-APPLY METAL LEAK ORIFICES

Material type	Molybdenum
Standard diameter	3mm or 6mm
Other Diameters	Consult factory
Hole location	In center of disk
Hole diameter range	5 microns to 1mm

## READY-TO-APPLY PLASTIC LEAK ORIFICES

Material type	Polyimide
Standard diameter	3mm or 6mm
Other diameters	Consult factory
Hole location	In center of disk
Hole diameter range	5 microns to 1mm

**RESONETICS**

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