

# X-Pierce™ 384 Well

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 Rev. A

## Dimensional Information and Tolerances

CRITERIA	DIMENSIONAL INFORMATION / SPECIFICATIONS
Overall (L x W)	5.5000" ±0.015 x 3.1875" ±0.015
384 Adhesive-Free Zones, 16x24 Matrix	Square Zones with a precut "X" over each well (0.1181" x 0.1181" ±0.015); 4.5mm on center between zones, zone pattern centered on film ±0.031
End-Tabs	0.2691" ±0.015
Perforations	0.3091" ±0.015

## Construction

LAYER	DESCRIPTION	THICKNESS
Film	Clear polyethylene film	2.75 mil ±10%
Film Sub-Layer	White polyester film coated on both sides with a pressure-sensitive acrylic adhesive	3.6 mil to 4.6 mil
Release Liner	Poly-coated kraft paper liner	5.6 mil ±10%

## Applications

- High throughput applications
- Automation
- Sample processing
- Ambient temperature storage

## Features

- Compatible with 384 square-well plates.
- Clear zone above each well, free of adhesive and easily pierced by hand or machine.
- X-cuts allow wells to be accessed multiple times by pipet tips or robotic probes.
- Samples can be accessed without coring or adhesive fouling of tips or probes.
- Provides a more versatile microbial barrier.
- End-tabs and centered back-score help facilitate alignment and accurate positioning.
- Recommended for temperatures from -40°C to +40°C.
- Certified free of detectable levels of RNase, DNase, and Human DNA.
- Endotoxin and Pyrogen free.