

X-Pierce™

Effective: June 30, 2014
 Document No.: MFG-PS-403 RevA

Dimensional Information and Tolerances

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|-----------------|--|
| Sheeted Film: | |
| Overall (L x W) | 5.73" +/- 0.015 x 3.125" +/- 0.015 |
| End-Tabs | 0.375" +/- 0.015 |
| Perforations | 0.415" +/- 0.015 from edge of film |
| Corner Radii | 0.125" |
| Scored | 96 Horizontal Cuts @ .23", 96 Vertical Cuts @ .23", "X" Cuts are 9mm on Center (.3543" +/- .015) |
| Printing | 96 Printed Circles, Black, 9mm on Center (.3543" +/- .025), Printed Circles Centered on "X" Cuts +/- .025 |

Construction

| LAYER | DESCRIPTION | THICKNESS |
|---------------|---------------------------------------|------------------|
| Top Coat | Surface Treatment for Ink Receptivity | 0.03 mil Approx. |
| Film | Vinyl | 3.5 mil +/- 10% |
| Adhesive | Acrylic | 0.55 to 0.85 mil |
| Release Liner | White Poly-Coated Paper | 4.8 mil +/- 10% |

* Note: Gamma radiation will slightly reduce the tackiness of the adhesive

Applications

- Robotics / Automation
- Prevents splattering and inhibits cross-contamination during ELISA washings and ultrasonic processing via probes

Features & Benefits

- Allows easy sampling by probes or tips without fouling or coring
- A precut "X" over each well creates four flaps that easily bend downward when pierced
- Film reseals for continued sample protection after sampling
- Recommended for temperatures from -40°C to +90°C