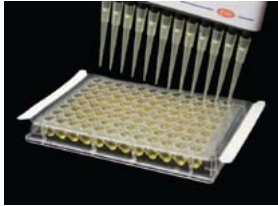


Pierceable Films for Processing, Robotics, and Autosampling

Excel Scientific currently manufactures three types of polymeric plate-sealing films that are easily pierceable by robotic probes and pipet tips for sample recovery. EZ-Pierce™ and Zone-Free™ films consist of 70 µm thick polyethylene film with an acrylic adhesive and two removable end tabs for easy positioning on microplates. The Zone-Free films have an adhesive-free area above each well for 96-well plates. X-Pierce films are clear vinyl with a precut "X" over each well for 96-well plates.

- inert, chemical resistant
- functional temperature ranges -40°C to +90°C
- all have two end tabs, removable at perforations

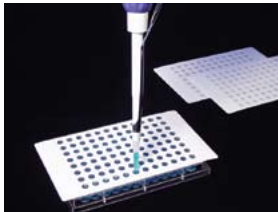
EZ-Pierce™ Sealing Films



Plain, unprinted polyethylene films, available sterile and non-sterile. Dimensions are 82.6 by 142.9 mm, including end tabs. The long dimension with the end tabs removed is 125.1 mm. Sterile product is packaged in 100 µm tamper-evident bags of 25.

Catalog No.	Description
EZP-100	EZ-Pierce Films, Pkg of 100, Non-Sterile
EZPS-25	EZ-Pierce Films, Pkg of 50 in two zip bags of 25, Sterile

Zone-Free™ Sealing Films



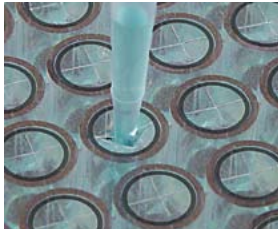
U.S. and foreign patents pending.

Zone-Free™ films feature a 70 µm adhesive-free polyethylene top layer with a patterned inert white polypropylene/adhesive sublayer. The easy-piercing top layer allows direct sample recovery with pipet tips or robotic probes without adhesive fouling and minimizes adhesive contact with samples. Dimensions are 79.4 by 142.9 mm for 96-well plates. Long dimension with end tabs removed is 122 mm.

- clear zone above each well is free of adhesive and easily pierceable
- clear zones and end-tabs facilitate well alignment and accurate positioning

Catalog No.	Description
ZAF-PE-50	Zone-Free Films, Pkg of 50, Non-Sterile

X-Pierce™ Sealing Films



Patented.

Also useful for sample protection during manual reagent additions and preventing splash-over when sonicating with microtips, X-Pierce™ films are 89 µm vinyl with an 18 µm adhesive layer. They are designed for temporary protection of samples in 96-well plates. A precut "X" over each well creates four flaps that easily bend downward when pushed by a probe or pipet tip allowing sample access without coring or adhesive fouling. The flaps return to their original position after sampling for continued protection. For long-term protection, a continuous film should be applied as a second layer. Dimensions are 79.4 x 145.5 mm, 124.5 mm between end tabs. Sterile product is packaged in 100 µm tamper-evident bags of 25.

- protect samples short-term and limit evaporation
- easy sampling by robotic probes or tips without fouling or coring
- reseal for continued protection after sampling

Catalog No.	Description
XP-100	X-Pierce Films, Pkg of 100, Non-Sterile
XPS-25	X-Pierce Films, Pkg of 50 in two zip bags of 25, Sterile



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"Committed to Exceeding Expectations!"

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