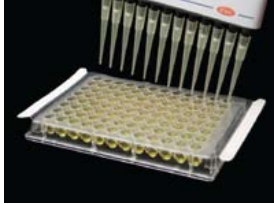


Pierceable Films for Processing, Robotics, and Autosampling

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

EZ-Pierce™ Printed Films with ColorTab™ End Tabs



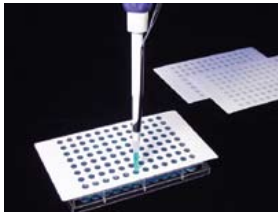
U.S. and foreign patents pending.

Printed with a 96-well alphanumeric template, these films also have color dots and white writing areas on end tabs for plate identification. Otherwise identical to plain EZ-Pierce films above. End tabs can be sealed and left in place for identification even if the center portion of the film is removed. Five dot colors (green, lavender, orange, red, blue) in individual bags of ten within the outer box of 50.

- color dots, white labeling area, and printed template to simplify well location
- end tabs can be left on plate for identification even if center of film is removed
- second tab can be inscribed and separated for lab-notebook insertion

Catalog No.	Description
EZP-PRNA-10	EZ-Pierce ColorTab Films, Assorted, Pkg of 50, Non-Sterile
EZPS-PRNA-10	EZ-Pierce ColorTab Films, Assorted, Pkg of 50, Sterile

Zone-Free™ Sealing Films



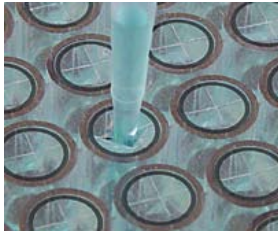
U.S. and foreign patents pending.

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. Sterile product is packaged in 100 µm tamper-evident bags of 25.

- 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
ZAFS-PE-25	Zone-Free Films, Pkg of 50 in two zip bags of 25, 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 100 µm vinyl with a 20 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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