

BARRIER FOIL ZIPLOCK BAGS AND POUCHES

Product No. 139-310, 139-311, 139-312, 139-313



Description:

Shown above with our Specimen Storage Box and DRICAP® Capsule Dehydrators, these barrier bags are ideal for storage of materials sensitive to moisture and/or oxygen. The inside dimensions measure L x H x W (where W is the pouch bottom width) with a ziplock and a tear notch above the zipper. The material is a metal foil-covered 4mil polyethylene with a MVTR (moisture vapor transmission rate) that is 1,000 times better than a typical poly bag. They are heat sealable, and ziplock resealable. Compatible with vacuum sealers. Sizes to fit all your needs.

Applications:

Barrier foil bags are a cost-effective storage solution used where very low oxygen and moisture levels are required. The material is FDA approved and has a shiny silver appearance. It is used extensively in food, medical, and general industry. Bags can be used with desiccants to enhance storage.

Typical applications Include:

- Storage of moisture and oxygen sensitive materials/samples
- Storage of Light sensitive materials/samples
- Storage of Immunofluorescence labeled, Confocal or Immunology ANA slides from room temperature to freezer
- Storage of radioactive labeled electrophoresis gels for both refrigerator and freezer
- Storage and transport of gas monitor badges

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TED PELLA. INC.

Microscopy Products for Science and Industry

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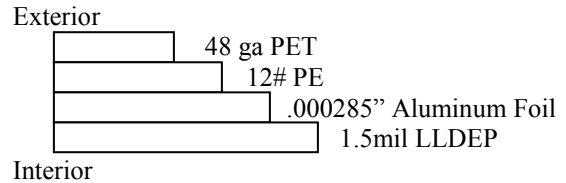
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Products Offered:

- 139-310, Barrier Foil Ziplock Bag, 6 x 5.5" ID pkg/100
- 139-311, Barrier Foil Ziplock Pouch Small, 3.75 x 6 x 2.5" ID pkg/100
- 139-312, Barrier Foil Ziplock Pouch Medium, 6.25 x 7.75 x 2.5" ID pkg/100
- 139-313, Barrier Foil Ziplock Pouch Large, 7.5 x 8.75 x 3" ID pkg/100

Physical Description:

Laminated PET/Aluminum Foil/Poly barrier bag with ziplock and heat sealable closure.



Physical Properties:

PROPERTIES	TEST METHOD	UNIT OF MEASURE	TYPICAL VALUE
Caliper		mils	4.0
MVTR	Mocon	gms/100 sq. in./24 hrs	.0006
OTR	Mocon	cc/100 sq. in./24 hrs	.0006
Burst	Mullen	psi	58
Tensile MD	ASTM D-882	lbs. at break	21
Tensile XMD	ASTM D-882	lbs. at break	22
Tear MD	ASTM 689	lbs. at break	96
Tear XMD	ASTM 689	lbs. at break	96
Puncture	Fed. TM 2065	lbs.	13

Comparison Moisture Barrier & Oxygen Barrier Transmission Rates for Other Common Plastic films

FILM	MOISTURE BARRIER	OXYGEN BARRIER
	MVTR gm/mil/100 sq. in./24 hrs. at 100° F & 90% RH	OTR cc/mil/100 sq. in./24 hrs. at 23° C
Low Density Polyethylene LDPE	1.0 -1.5	350
High Density Polyethylene HDPE	0.3 - 0.4	150
Polypropylene PP	0.25	150
Polyethylene Terephthalate PET	1.0 - 1.3	3-4
Polystyrene PS	7.0-10.0	350
Poly Vinylidene Chloride (Saran) PVDC	0.10	0.05- 0.15
Poly Vinyl Chloride PVC	0.9 - 5.1	5-20

The values indicated in this document are the results of tests made in compliance with the normal standards. They are given as an indication and should be considered as average values and given without any obligation on our part. This data was provided directly to Ted Pella Inc. from our film supplier.

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