

Packaging Systems for Industry

This information will assist you in requesting information and pricing for foil bags and vapor barrier bags. Please send us the necessary information so we can provide a quotation for you. Feel free to call.

Vapor Barrier Bags - Foil Bags and Foil Laminations

Details and Request for Quotation

All bags that we sell are **custom manufactured** according to your exact specifications. For pricing, we will prepare a quotation based upon your specific requirements. There is some basic information that we need from you in order to prepare this quotation. This email will also provide you with basic information about foil bags.

Casper Bowman 631-804-9625

Info@pacs4i.com

Vapor Barrier Bag Materials

- VF42 Polyester/foil/polyethylene - silver in appearance, excellent vapor barrier properties
- VF48A Polyester/white PE/foil/polyethylene - white in appearance, excellent vapor barrier properties
- VF45 Polyester/foil/nylon/polyethylene - silver appearance, superior strength & barrier properties
- VF50 Coated paper/foil/polyethylene - matte white in appearance, excellent vapor barrier properties
- VF60 Metalized polyester/polyethylene - silver or gold appearance, good vapor barrier properties
- VF54 Clear polyester/polyethylene - clear appearance, good vapor barrier properties

Various Bag Constructions

Flat bag Dimensions are (1) opening side first then (2) the length of the bag. We can quote either OD (from edge to edge) or ID which is useful internal dimensions. For flat bags there are 1/4" side seals. Opening of bag can also have 1/8" lip, which makes it easier to load your product. Note that the printing on the bag does not bleed into side or bottom seals. Minimum quantities are 5,000 for unprinted, 10,000 for printed bags. Smaller quantities can be quoted for large bags.



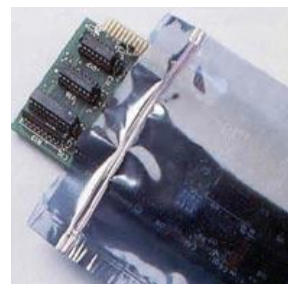
VF-48A white foil material for both pictures

Zipper bag Two styles tamper evident or Non tamper evident bags. Tamper evident bags have an inch of header on the outside of the zipper; zipper is hermetically sealed. Product is loaded through the unsealed bottom of the bag. Non tamper evident bags are loaded through the zipper. OD dimensions include this header. For zippered bags there are 3/8" side seals. Opening of bag can also have 1/8" lip. Minimum quantities are 5,000 for unprinted, 10,000 for printed. Smaller quantities will be quoted for large bags.



All materials are FDA approved for food, medical and diagnostic products. They are made in an controlled environment.

Examples of non tamper Evident zipper bag at right. VF-42 silver color tamper evident zipper bag at left.



Stand up bags With or without zippers, cannot be tamper evident. Product is loaded through the top since there is a gusset at the bottom of the bag. Dimensions are given as (1) opening of bag (2) length of bag and (3) width of gusset, as measured in the middle of the bottom of the bag. For zippered bags there are 3/8" side seals, as well as extra material approximately one inch past the zipper. Opening of bag can also have 1/8" lip. Minimum quantities are 25,000 for unprinted or printed since there is extra set up time required. Please note that we do not put a window in bags. To make what appears to be a window, a bag is made from clear material (VF-54) and the opaque sections are made by printing on the clear material.



Printing Details

Printing can be on one or both sides of the bag. Capabilities to print either basic surface line print, or up to eight colors in process printing. One time costs for our art department to setup. Also one time for cost of printing plates - one plate per color.

Line Printing - This is basic printing for text, drawings and graphic images. Ink is placed on the surface of the bag. Solid colors and screened shades of those colors are possible. Multiple numbers of colors are possible, although most jobs are one or two colors.

Process Printing - This is highest photographic quality. Print is placed on the inner layer of PET. It is possible to blend colors and bleed the print to the edges of the bag, through the section where the sides seals are placed. For process print, minimum orders are six million square inches since the printing needs to be reverse printed on custom manufactured material. For a small bag (3 x 4) an approximate number of bags would be in the 250,000 bag range.

PDF files are acceptable for artwork requirements. Please specify **PMS** colors for the artwork.

Note: For line art do not run artwork into side seal area. For flat bags this is 1/4 inch from the sides of the bag, for zippered bags this is 3/8 inch from sides of the bags. Bleeds can be made with reverse or captured printing only.

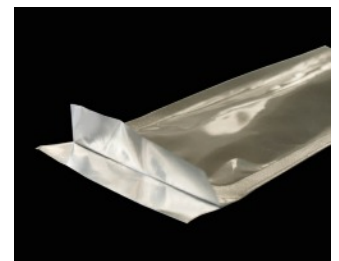
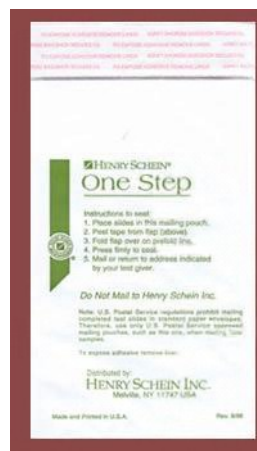
Extra Features for Bags

Tear Notch - A slit on side seal to aid in customers ripping the bag open.

1/8" Lip - One side of the opening end is 1/8" longer, this makes it easier for your employees to open the bag for loading products.

Tape Closure - Bags can be sealed shut with tape that is placed on a 1 1/2" wide flap. This is protected by a release liner that is removed. This is designed so that the bag can be used as an envelop in the field, does not require a heat sealer to seal the bag.

Punch Hole - Bags can have **OSAHA** compatible hole for hanging on a shelf display.



Peelable Foil Pouch - Chevron style foil bags for sterile medical applications are available

This foil mailer bag, has a red printed release liner that says "remove this tape" after it is removed the flap can be closed to seal the bag.

Packaging Equipment

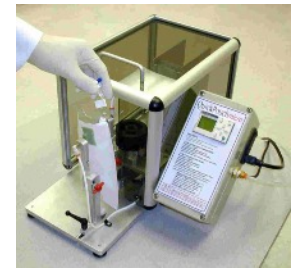
Heat Sealers - Table top impulse heat sealers, medical validatable heat sealers, vacuum heat sealers, and vacuum chamber heat sealers. To see what we have available please click here.

[Heat Sealers](#)

Silica Gel Desiccant Packs - Dust free gel packs in Tyvek satchels.

Pouch Loading Machines - Semi-automatic and fully automatic machines for loading foil pouches.

Pouch Printing Systems - Systems to print directly on foil pouches. Can add text, graphics, bar codes. Please see example below.



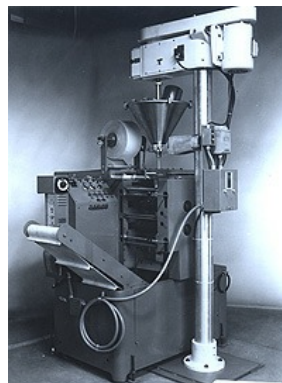
Roll Stock Material

All of the above materials can be provided as roll stock for use in form fill seal machines. Minimum printed runs are 10,000 impressions. Production runs can be performed economically with plate changes and ink changes during the same run. (This also applied for bags of similar dimension contact us for details.

Wide widths of heavy duty material can be order for your own 3-D Bags for shipping large items. We can also provide pre-made 3-D These consist of 5 sides and a bottom.



Vertical and horizontal form-fill-seal equipment is available - please contact for details.



Information we need from you

In order to prepare a quote we need the following.

- Your Name
- Your Company's Name
- Company's address
- Telephone number
- Fax number
- Email address
- Material for Bag- VF number
- Size of bag- the dimension of the opening first, either OD or ID
- Quantity-we will quote a range of bags that you give us, for example 5,000, 25,000 and 50,000 bags.
- Printing details Such as no printing - one color, two sides - three colors, one side, etc.
- Any extras such as tear notches, easy opening lips, there are no extra charges for these extras.
- Since these bags are made to order, there is a delivery time of several weeks to receive the order. For printed jobs, the delivery schedule starts after artwork is approved by you.

Systems for Industry Inc.

34. E. Main St. Suite 206

Smithtown, NY 11787

Casper Bowman 631-804-9625 info@pacs4i.com