KNF Clean Room Products Corporation

Specializing in Ultraclean Film™ and Flexible Packaging Products
WWW.KNFCORPORATION.COM
1800 Ocean Avenue
Ronkonkoma, NY 11779-6532

Phone: (631) 588-7000
Fax: (631) 588-7863

Breather Bags

Product Attributes

- Ultraclean Film™ certified to Level I cleanliness standards.
- Made of durable 3 mil polypropylene with a heat sealed Tyvek® 1059B breathable strip.
- Sterilizable by steam, ethylene oxide and dry heat.
- Lightweight, pliable offering ease of transport and storage.

Applications

CRP's Ultraclean Polypropylene Breather Bag is designed specifically for stopper and other component sterilization requiring a clean environment. This advanced breather bag can be sterilized by autoclave, ethylene oxide, or dry heat, making it ideally suited for pharmaceutical and medical applications. A wide high temperature Tyvek breather strip never comes into contact with interior parts and allows for sterilized materials to maintain sterility for an extended period of time. When a specific size and quantity cannot be predetermined, breather tubing is available offering the convenience of fabricating to size.

Specifications

Bag Width:	5" (minimum)	Bag Width:	36" (maximum)
Bag Length:	8" (minimum)	Bag Length:	96" (maximum)
Cleanliness Level:	Level I		
Tyvek Strip:	4" (std.), other widths available upon request.		

Properties of Polypropylene		Properties of Tyvek 1059B	
Density	.902 gm/cc	Thickness	6.7 mils
Tensile Strength @ Yield	6,000 psi	Gurley Porosity	20 seconds
Elongation @ Yield	30%	Pore Size	.22 microns
Impact 50	230 gm	Water Vapor Permeability	684 g/m^3/24 hrs
Tensile MD	6,300 psi		
TD	4,600 psi		
Elongation MD	620%		
TD	680%		
Moisture Vapor Transmission	.5 gm/mil/100 sq.in/24 hrs.		
Oxygen Permeation	130 cc/100 sq.in./24 hrs.		

Standard Breather Bag Sizes (in.) LB853 Series

6 x 8	12 x 18	18 x 18	24 x 24
6 x 10	12 x 20	18 x 20	24 x 30
8 x 8	12 x 22	18 x 24	24 x 36
8 x 10	12 x 24	18 x 30	28 x 28
8 x 12	15 x 15	18 x 36	28 x 30
10 x 10	15 x 18	20 x 22	30 x 30
10 x 12	15 x 20	20 x 24	34 x 34
12 x 12	15 x 24	20 x 30	36 x 36
12 x 15	15 x 30	20 x 36	36 x 48
12 x 16	16 x 16	24 x 12	