

BREATHER BAGS, SELF-SEAL with INDICATORS

Description:

GEPCO's Breather Bags with Indicators are made from DuPont Tyvek® and a polyester-based flexible film. Designed to be autoclaved, each bag includes a steam sterilization process-indicating dot. These bags are lint-free, moisture resistant, puncture resistant and extremely tough. The Tyvek® side offers high breathability while providing an effective bacterial barrier. The clear film side offers excellent clarity combined with strength and durability. These bags feature an adhesive strip for convenient self-sealing. When opened, virtually no airborne particulate is generated.

Specifications: (Reorder No. 00206TWBSSSD, 00209TWBSSSD, 00306TWBSSSD, X0308TWBSSSD, 00308TWBSSSD, 00415TWBSSSD, 00422TWBSSSD, 00510TWBSSSD, 00608TWBSSSD, 00612TWBSSSD, 00628TWBSSSD, 00632TWBSSSD, 00713TWBSSSD, 00810TWBSSSD, 00815TWBSSSD, 00818TWBSSSD, 00834TWBSSSD, 01011TWBSSSD, 01020TWBSSSD, 01214TWBSSSD, 01217TWBSSSD, 01424TWBSSSD, 01520TWBSSSD, 01617TWBSSSD, 01626TWBSSSD, 01632TWBSSSD, 01635TWBSSSD, 01822TWBSSSD, 02426TWBSSSD, 02430TWBSSSD, 02435TWBSSSD)

POLYESTER-BASED FLEXIBLE FILM SIDE

PHYSICAL PROPERTIES		
Material – Proprietary lamination of polyester and polyolefin film bonded with a thermoset adhesive.		
Gauge	65.0	microns
Yield	15.0	sq. m / Kg
STRENGTH PROPERTIES – (MD signifies machine direction; CD signifies cross direction.)		
Tensile at Break (MD CD)	50 59	N / sq. mm
Impact Strength	450	g
Tear Strength	12 17	N / sample
Burst Strength	210	KN / sq. m
THERMAL PROPERTIES		
Stability – Will remain stable through steam cycles at a maximum temperature of 127°C.		

(Continued Next Page)

BREATHER BAGS, SELF-SEAL with INDICATORS

Specifications (continued):

TYVEK® SIDE

PHYSICAL PROPERTIES		
Material – TYVEK® (Spunbonded Olefin) Type 1073-B Merge 18025. Adhesive self-sealing strip.		
Basis Weight	75	g / sq. m
Thickness	203	microns
STRENGTH PROPERTIES – (MD signifies machine direction; CD signifies cross direction.)		
Strip Tensile (MD CD)	91 79	N / cm
Elongation to Break (MD CD)	25 28	%
Elmendorf Tear (MD CD)	3.65 3.74	N
Mullen Burst	3.1	N-m / sq. cm
Spencer Puncture	0.9	N-m / sq. cm
THERMAL PROPERTIES		
Stability – Will remain stable through steam cycles at a maximum temperature of 127°C.		
BARRIER PROPERTIES		
Hydrostatic Head	154	mbar
Microbial Barrier (per ASTM F1608-95 for microbial ranking of various materials) – LRV of 5.3 verses LRV of 1.9 for an autoclave paper pouch. (The higher the log reduction value (LRV) the more resistant the package is to bacteria and microorganisms. A log difference of 3 signifies a difference of 1,000 units.)		

NOTE: Microbial Barrier must be validated for individual Users' processes.

ADHESIVE SELF-SEALING STRIP

DESCRIPTION
256M acrylic adhesive double coated to PET film with 60# semi bleach silicone treated densified kraft paper.

SEAL

STRENGTH PROPERTIES		
Seal Strength	> 2.62	N / cm

(Continued Next Page)

BREATHER BAGS, SELF-SEAL with INDICATORS

Specifications (continued):

STEAM STERILIZATION PROCESS INDICATOR

DESCRIPTION

Lead-free, round indicator labels. Designed for use in steam autoclaves operating at 121 °C / 1 bar or 134 °C / 2 bar. During the steam sterilization process the indicator changes from pink to dark brown. Manufactured in compliance with ISO 11140-1 "Sterilization of health care products – Part 1: General requirements, Section 4.1 and 6", and in compliance with NEN-EN 867-2 "Non-biological systems for use in sterilizers – PART 2: PROCESS INDICATORS (Class A)".

NOTE: Steam sterilization process indicators should not be used as a substitute for proper dosimetry, but rather to distinguish steam exposed products from non-exposed products.

OUTER DIMENSIONS (Note: all dimensions are +/- 3 mm)

Reorder No.	Width	Length*
00206TWBBSSSD	51 mm	165 mm
00209TWBBSSSD	51	241
00306TWBBSSSD	76	152
X0308TWBBSSSD	76	203
00308TWBBSSSD	89	203
00415TWBBSSSD	102	381
00422TWBBSSSD	102	559
00510TWBBSSSD	127	254
00608TWBBSSSD	156	203
00612TWBBSSSD	152	305
00628TWBBSSSD	152	711
00632TWBBSSSD	152	813
00713TWBBSSSD	178	330
00810TWBBSSSD	203	254
00815TWBBSSSD	206	381
00818TWBBSSSD	203	457
00834TWBBSSSD	203	864
01011TWBBSSSD	254	279
01020TWBBSSSD	257	508
01214TWBBSSSD	305	356
01217TWBBSSSD	305	432
01424TWBBSSSD	356	610
01520TWBBSSSD	381	508
01617TWBBSSSD	406	432
01626TWBBSSSD	406	660
01632TWBBSSSD	406	813
01635TWBBSSSD	406	895
01822TWBBSSSD	457	559
02426TWBBSSSD	610	660
02430TWBBSSSD	610	762
02435TWBBSSSD	610	889

* Note: Length is from the top of the bag to the perforation. Add 25mm for total unsealed bag length.

The information presented here is based on data which GEPCO believes to be reliable. It is presented to assist in product evaluation and verification. GEPCO makes no guarantee of results and assumes no obligation or liability connected with this information. Since conditions of use are outside our control, we make no warranties, express or implied, including without limitation, no warranties of fitness for a particular use and assume no liability in connection with any of this information. This data is subject to revision as technical knowledge and experience advances. Revisions are not intended to indicate a process or product change.