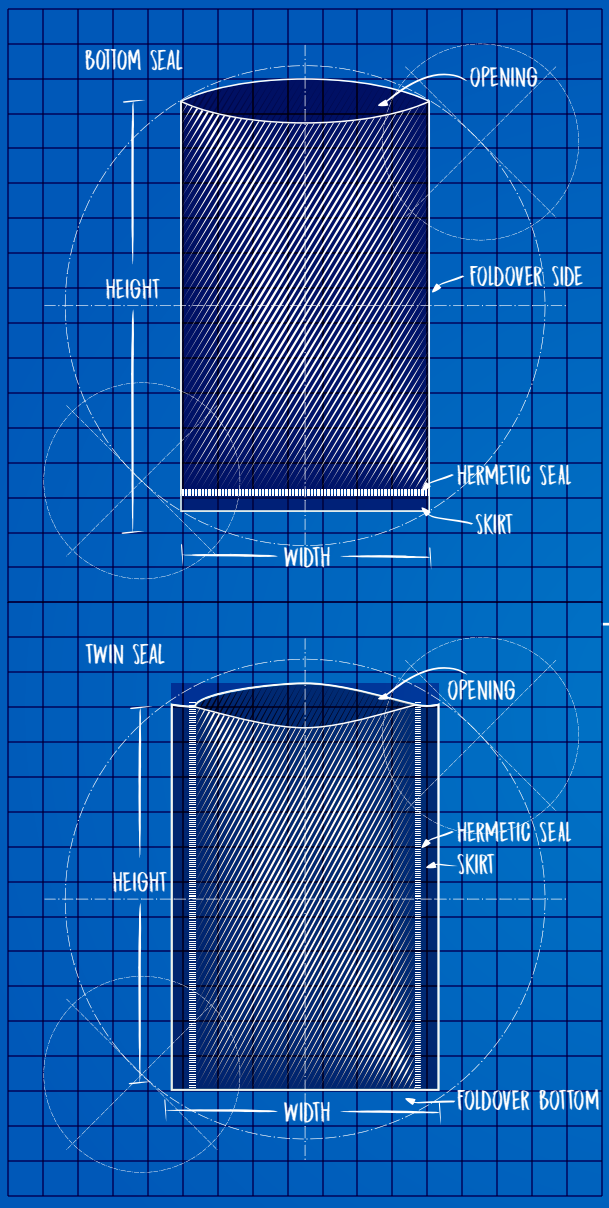
PRECISION CLEAN

Product Data Sheet:

Precision Clean® Breather

- Manufactured in our ISO Class 4 Cleanroom.
- Suitable for:
  - Semiconductor applications.
  - Medical devices.
  - Microelectronics.
  - Biotechnology.
  - Sterilization by gamma or ethylene oxide.
- Certified to KSC-C-123J.
- Manufactured one side Tyvek®, reverse side Precision Clean® HD 3mil clear film.
- Available in:
  - Custom bag sizes from 2"x3" to 48"x52"
  - Rollstock (tubing and centerfold).
  - Printed or unprinted.
  - Gusset and other formats available.
  - Stock sizes.



OUR FILM CHARACTERISTICS ARE AS FOLLOW

PROPERTY	ASTM TEST	TYPICAL VALUES
Dart Impact, g	D 1709	84-96
Tensile Strength (break), psi		
(MD)	D 882	2850-2950
(TD)	D 882	2260-2340
% Elongation		
(MD)	D 882	220-435
(TD)	D 882	285-565
% Secant Modulus,		
(MD)	D 882	23,280-24,730
(TD)	D 882	30,380-31,620
Gloss 45°	D 2457	66-70
% Haze	D 1003	10-14
MVTR (g/100 sq. in. /24 hr.)	E 96/66	1.3-1.5
OTR (cc/100 sq. in. /24 hr.)	E 9653T	510-620

Note: The properties listed above are for .001" film; they are typical average values rather than specifications.

All of PPC Flexible Packaging's Precision Clean® cleanroom products are produced in our state-of-the-art ISO Class 4 and ISO Class 7 Cleanrooms.

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