



# CLEAN ZONE HEALTHCARE PACKAGING

MEDICAL | HEALTHCARE | LIFE SCIENCES



# PRECISION CLEAN HEALTHCARE PACKAGING MARKETS SERVED

## CLEANROOM PACKAGING

- Pharmaceutical
- Medical/Healthcare/Life Sciences
- Cleanroom Consumable
- Critical Environment Components
- Microelectronics
- Nutraceuticals

## ISO CERTIFIED QUALITY SYSTEM, CERTIFIED TO NASA, IEST AND MILITARY SPECIFICATION

- Our products meet NASA, IEST, and Military Specifications.
- Our Clean Room facilities are certified to Class 4 and Class 7.
- Our Quality Management System complies with ISO 9001:2015.







# PRECISION CLEAN VALUE PROPOSITION

- Industry **quality leader**. Providing consistent product, in specification at exceptional quality rejection rates (under .4%). Manufacturing in a world class clean room facility.
- Measurable **OTIF** (on time and full) deliveries at **95%** or better.
- High touch customer service and communication. Sales and Customer Service supporting customers with:
  - A high level of PPC capability knowledge.
  - Strong understanding of customer markets and application needs.
  - World class responsiveness.
  - Innovative service programs.
  - **Speed to market beyond our competitors.**
- Innovation/product development.
- Solutions that give customers a competitive advantage.



# PRECISION CLEAN BREATHER, HEADER, AND CHEVRON POUCHES

- **POUCHES** - for gamma, steam, EtO (ethylene oxide), hydrogen peroxide.
- **BREATHER POUCHES** - Tyvek based non-peel pouches.
- **HEADER POUCHES** - Tyvek or Coex window formats. Peel and non-peel formats.
- **CHEVRON PEEL POUCHES** - for easy access and sterile presentation.
- Tape closures
- IPA and chemical resistance inks. Indicator inks.
- Manufactured in ISO Class 7 and Class 4 Clean Rooms.

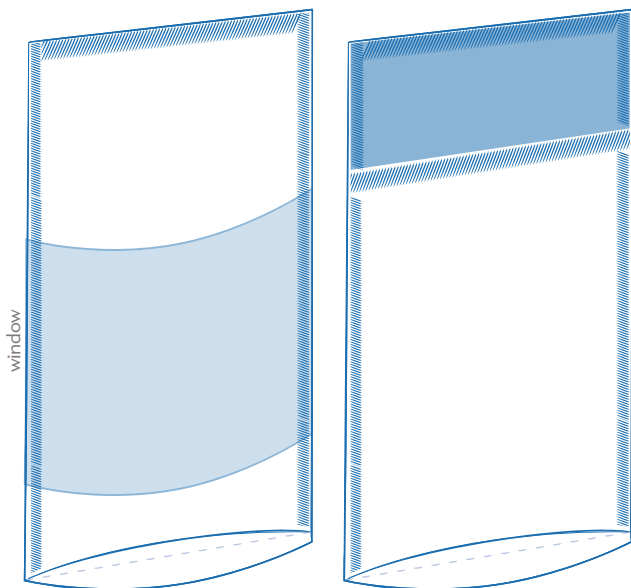


# HEADER AND WINDOW POUCH SIZE CAPABILITY

- Width: 4" up to 48" wide

- Length: 8" to 38" long

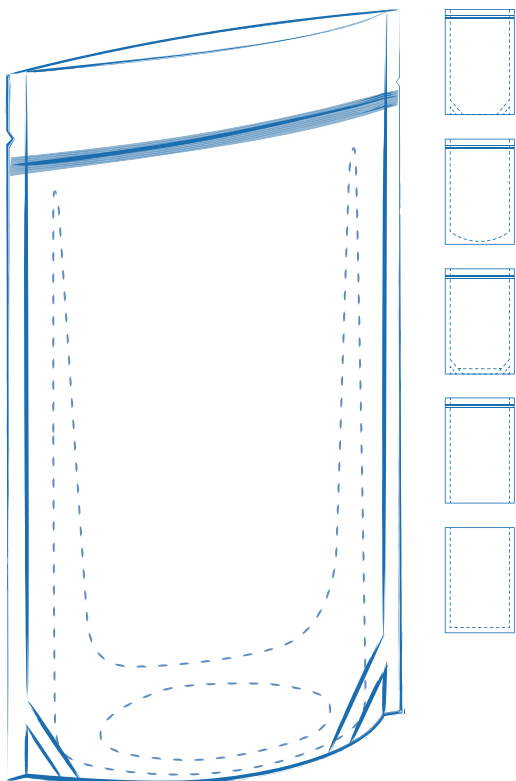
## HEADER POUCH



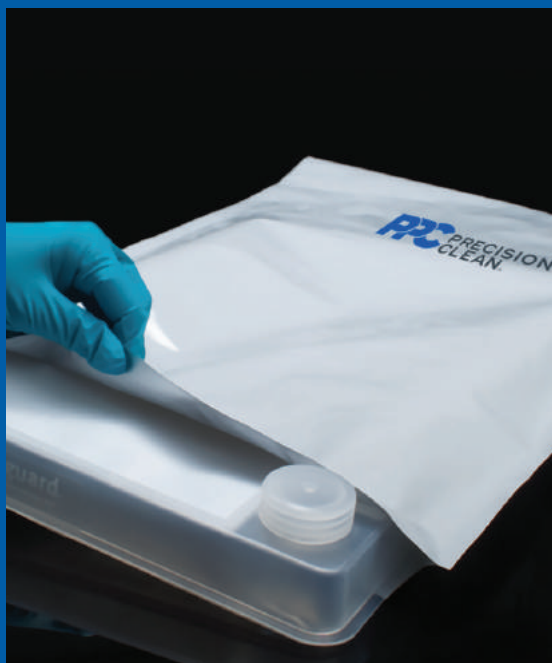


# POUCH SIZE CAPABILITY 3 SIDE SEAL

## STAND-UP POUCH



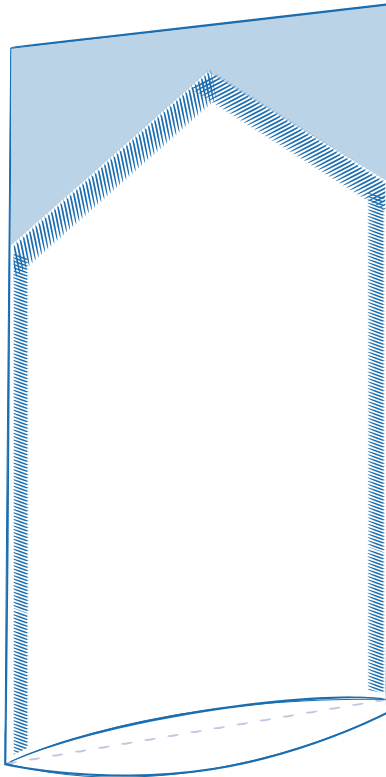
- 4" wide to 48" long for both





# CHEVRON POUCH

## CHEVRON



- 4" wide to 48" long for both



# PRECISION CLEAN FILM AND BAGS

- **CLEANROOM BAGS, TUBING AND SHEETING** – ISO Class 4, KSC Level 100 materials. Printed up to 10 colors. IPA resistant inks.
- Ultra clean and pure applications utilizing virgin resin.
- Bottom seal (tubing), side-weld, twin seal (lemo), side gusset, and bottom gusset, BOR, auto-bag, wicket.
- Utilized for medical devices, surgical implants or tools (orthopedics), and semi-conductor (anti-static), clean room consumables, clean plastic molded, glass, and metal parts and containers.



# PRECISION CLEAN BARRIER POUCHES

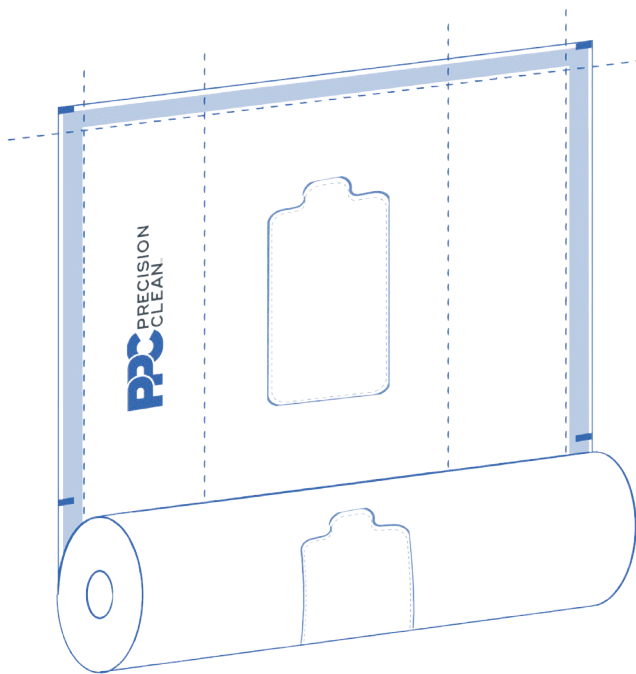
- **ISO CLASS 7**

- High barrier lamination and Coex films.
- 3 side seal, side gusset, bottom gusset formats. Zipper and tape closures available.
- Printed up to 10 colors.
- Gamma Compatible. IPA and chemical resistance available.
- Laser Scoring
- Frangible



# ROLL GOODS WITH DIE CUT OPENINGS AND AFFIXED LABELS

## FORM, FILL & SEAL



- Precise die cut openings affixed to the web for peel and resealable packages.
- Saturated and unsaturated applications.
- Die Cut Openings with Applied Peel and Seal Labels.
- Printed and unprinted formats available.
- Suitable for cleanroom consumables.



# RECLOSABLE POUCH

- Tear notches and tear slits.
- Scoring or perforating.
- Press and seal zippers.
- Chemical resistant.
- Printed and unprinted formats available.
- Suitable for cleanroom consumables.



# 10 FACTS OF OUR CLEANROOM PACKAGING

Understanding Flexible Packaging for  
Clean Rooms

3. To ensure the **highest standards of traceability and quality**, each order is manufactured from its own exclusive base of raw material.

6. **Precision Clean Barrier Pouches®** are ideal for sustaining **long shelf life** and **applications requiring moisture and oxygen protection**.

9. Surface Cleanliness certified through **Kennedy Space Center standards**.

1. 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 CleanRoom**.



7. **Precision Clean-Tear®** bags are specially designed to **smoothly tear open, allowing quick, easy, and sanitary access** to packaged cleanroom products without having to use scissors or a razor blade.



2. Our **Precision Clean Packaging** is already in your production facility. **ASK US HOW!**



4. ISO 9001:2015  
**SQF LEVEL 2 CERTIFIED**

5. **Precision Zipclean Pouches:** Designed for **multi-entry** use applications, and the needed convenience for your customer's handling of your bulk products under cleanroom conditions.



8. **PPC** manufactures a wide variety of **substrates** to meet your **physical property and handling requirements.**

10. **Precision Clean Breather Bags** are a family of **sterilizable** pouches, Window, Header & Chevron, for both **peel and non-peel applications.**

**PPC** PRECISION  
CLEAN™



## CONSUMER PRODUCTS PACKAGING TYPES PRODUCED

- Printed and/or laminated roll stock. All non foil film and film combinations.
- Printed Shrink bundling film.
- Printed PVC and polyolefin shrink film. Post print folding available. 80 gauge minimum.
- SUP's with & w/o zipper. 8" gusset max.. Insert bottom gusset available print 1 side only up to 38" long. 2 side print pouches formed from 1 web-48" max web.
- Back seam and side gusset back seam. Quad seal side gusset. Formed from 1 web 48" web max.. 8" gusset max.
- 3 side seal. 2 side print formed from 1 web -48" web max- limit 24" long, 48" wide. Min 3" x 3". Gusset 1.5"- 8" max. includes seal. Unprinted no zipper, up to 38" x 72".
- Printed and unprinted bags. Twin seal, gusseted, bottom seal, side weld, wicket, header, die cut handle, tape closure. 3" x 3" to 48" x 48" size ranges.
- Access to laser score technology for easy tear.



LET US EXCEED YOUR EXPECTATIONS!  
CALL US TO SPEAK WITH A PRECISION CLEAN PACKAGING EXPERT.

## YOU AND PRECISION CLEAN STOCK PRODUCTS

You know us for our quality with our Precision Clean® custom cleanroom packaging. We continue to offer our full line of Precision Clean® packaging materials in a wide range of sizes, custom-made to fit your requirements.

### PRECISION CLEAN AUTOMATIC CLEANROOM BAG®

Our full line of cleanroom and industrial pre-opened bags on a roll that are ideal for automated or semi-automated fill processes.

### PRECISION CLEAN BARRIER POUCHES®

Exceptional barrier properties ideal for sustaining long shelf life and applications requiring moisture and oxygen protection.

### PRECISION CLEAN 2000™

PC2000 bags are manufactured from ultra-pure and pristine resins with excellent clarity.

### PRECISION CLEAN II®

CII is also our most popular film, preferred by 80% of our clean environment customers.

### PRECISION CLEAN I®

PCI is specifically designed to service less critical cleanroom fill operations that need films with Surface Cleanliness Level 200 or higher.

### PRECISION STAT®

Made of our amine-free antistatic film, which makes them ideal for applications in electronics, semiconductors, aerospace, or cleanroom products requiring a clean antistatic film.

### PRECISION ZIPCLEAN POUCHES®

We are proud to introduce our newest product: Our certified clean Precision ZipClean Pouches have a zipper closure system that is ideal for clean room environments.

### PRECISION CLEAN BREATHER BAGS®

designed for sterilization of products used in cleanroom environments.

### PRECISION CLEAN NYLON®

Durable puncture resistance, a first-class oxygen barrier, and excellent clarity.

### PRECISION CLEAN HD®

Our NASA-certified Precision Clean HD® bags are our cleanest, most durable bags.

### PRECISION CLEAN-TEAR®

Precision Clean-Tear® bags are specially designed to smoothly tear open, allowing quick, easy, and sanitary access to packaged cleanroom.

### PRECISION CLEAN CENTERFOLD®

Used throughout the world in all major cleanroom construction projects to protect installs and partition new cleanroom areas during compliance cleaning procedures.



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