

Power Pouch Frequently Asked Questions

What is the Power Pouch?

The Power Pouch is a package within a package, Valve In PET Pouch. The inner pouch is made of a thin-walled, durable plastic inner PET pouch crimped onto a 1" mounting cup with an integrated valve assembly. The Power Pouch is fitted to an aluminum, tin plate or plastic can. The outer package is filled under the mounting cup with compressed air prior to crimping the mounting cup onto the outer package. As the formula is filled into the Power Pouch, the compressed air, which is surrounding the outside of the PET pouch, increases in pressure. When the user pushes the actuator, the compressed air provides the dispensing power for the package. The light but strong pleated shape of the **Power Pouch** enables the package to be easily handled on the existing automatic valve placing equipment used in most aerosol filling plants. This system offers advantages over conventional Bag on Valve systems since the PET inner container is a very tough one piece Monobloc pouch with high structural integrity.

What types of products can be used in the Power Pouch?

Power Pouch dispenses liquids, gels, creams of various viscosity, Personal Care, Sun Care, Post-Foaming, Pharmaceutical, Lubricant/Ink, Household Products.

Can the Power Pouch spray while in an upside down position? Advantage?

Power Pouch will continuously dispense product with consumer-pleasing convenience 360° any angle, without stopping, even upside down. It offers complete product protection, delivers fresh and pure product by a total separation of product and the propellant, used with eco-friendly inert gas air or nitrogen. Recyclable, Safe filling and environmental benefits, low VOC, ecological footprint through a sustainable packaging. The Power Pouch is a Proven PET barrier package, compatible with aggressive products, Transparent, Shelf impact, differentiation by shape flexibility.

What is the cost of the package?

Power Pouch is custom quoted and varies depending on release quantity, desired size, type on valve component, color of components, the Power Pouch is priced competitively with Bag On Valve systems.

What are Power Container's lead times?

PCC's standard lead times are generally 6-8 weeks from receipt of purchase order to shipment of goods. International customers should add 3-4 weeks of additional shipment time.

What are Power Pouch available sizes?

Smallest size is 1 oz. up to 14 oz. (approx. 30 ml to 424 ml), specific or shape size can be available.

Can I use any outer bottle shape or material with Power Pouch? Plastic, Metal?

Power Pouch can accommodate a wide variety of outer package designs of various materials. Prototype samples can be provided in a week, production tooling depending cavitation 8 to 10 weeks.

What colors are available for the Over cap, Actuator, mounting cup and pouch?

PCC will color match any component to any specific color desired, in cup or skirt actuator are available with different flow rate and spray pattern. It can be female or male depending on the needs and filling tooling used.

Power Pouch Frequently Asked Questions

What is a typical pressure curve for Power Pouch?

The Power Pouch Package has a pressure curve that is typically found in compressed air, barrier packages.

What is the average range of dispensing pressure for Power Pouch?

The Power Pouch Package can dispense its product between 40 to 150 psi. regardless of package size. The pressure can be customized to the specific product requirements.

Do elevated temperatures damage Power Pouch?

Power Pouch will withstand prolonged storage at 120°F (48.9°C) without violating the integrity of the package.

What is the residual of a Power Pouch package?

Generally, restitution is up to 98%, exact residual amounts can be influenced by formula characteristics. Residual must be considered when determining label claim of the package.

Can Power Pouch be sterilized?

The Power Pouch can be sterilized using electron beam (E-Beam) technology.

Can I buy a finished filled package from Power Container?

PCC is working closely with filler and formulating company. UCG, Under Cup Gazing, many fillers use standard pressure filling equipment with a customized fill nozzle to fit the Power Pouch valve.

Will my formula work in Power Pouch?

In-house Compatibility Testing Since every formula is unique, PCC tests all formulations in-house for compatibility. These tests include a 72-hour gasket test and a 6-week blow-by test. Further testing is usually performed by the customer.

Do the component use are certified?

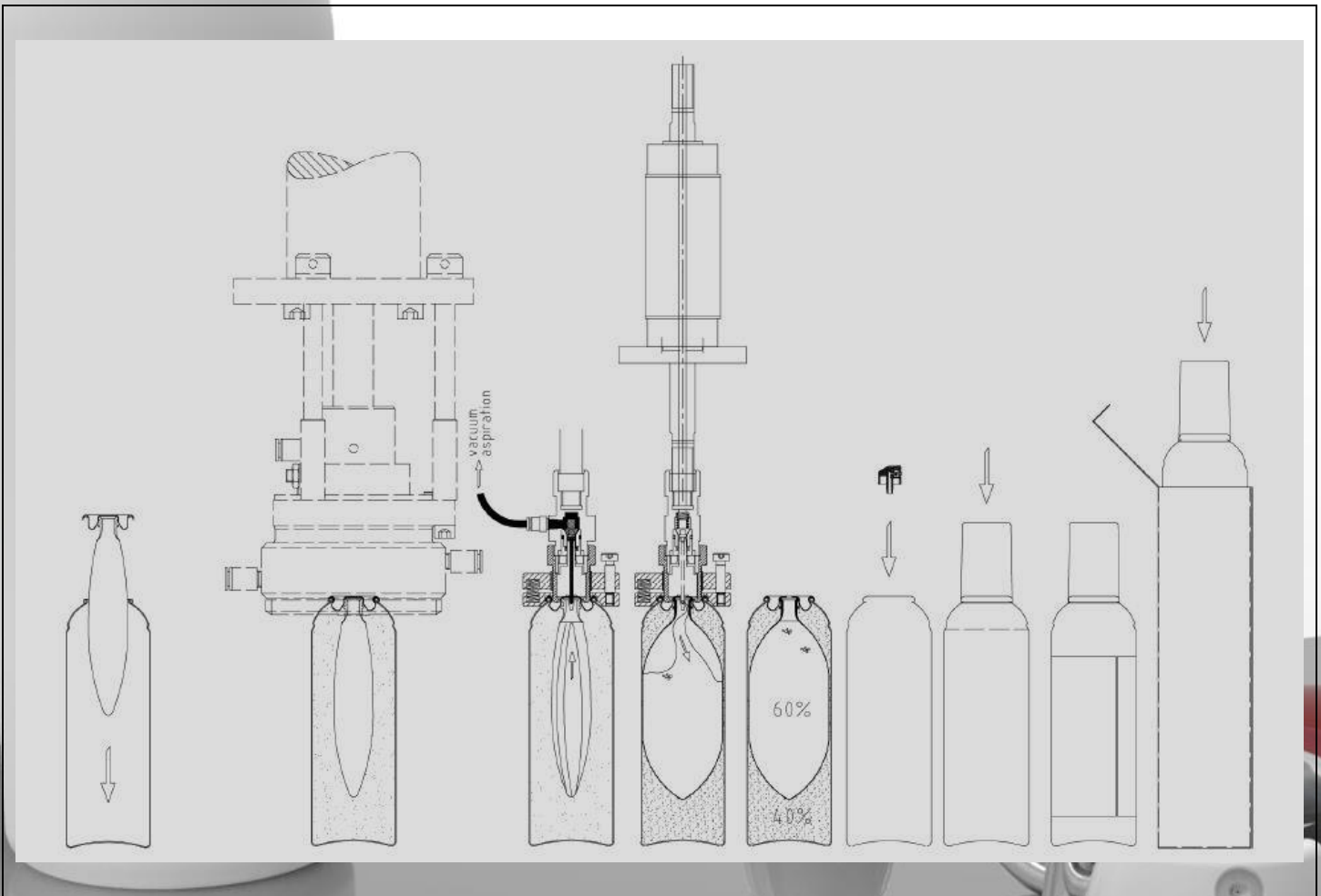
Marketing drawing are provided with a Technical Data Sheet. All raw material issued are listed including the certification associated FDA, No BPA. REACH and others, Certificate are available for each.

How does Power Container ensure the quality of the Power Pouch?

PCC follows a GMP guidelines based on Cantor Defect Evaluation list. Each process is monitored and documented using Standard Operating Procedures including in Start Production and in Process Control that ensure the integrity of the Power Pouch. In addition to the marketing drawing and TDS, an AQL list is provided.

Power Pouch Frequently Asked Questions

How to work the filling process with a Power Pouch?



Where can I learn more about the Power Pouch?

Flexible – Compatible – Innovative – Competitive – Turn key

Power Container is a world leader in Designing, Developing and Manufacturing PET Inner Pouches for air compressed BOV packaging.

This proven technology has been on the market since 1985 and continues to be used in many different applications.

Speak to our experts and understand completely how PCC can be your next partner for innovative packaging.

Please contact Power Container at 732-560-3655 or visit our web site www.powercontainer.com

Power Container Corp

33 Schoolhouse Road – Somerset NJ 08873 – Phone 732 560 3655 – Fax 732 560 0119 – Info@powercontainer.com – www.powercontainer.com