



PACKAGING...SIMPLIFIED.



The “Coffee Protector” Program Understanding the Importance of the One-Way Degassing Valve

A typical retail pound of specialty coffee cost at least \$10.00—the cost of a one-way valve is on average \$0.035. Are you willing to risk the flavor of your coffee on so small a cost element? *The one-way degassing valve is a small cost component and it needs to work.*

Cost are going up and consumers are making new and more discerning buying decisions. As a packaging supplier to specialty coffee roasters for over twenty years, PBI manufactures a proven and patented one-way degassing valve. All valves do not work properly, and the negative impact of oxygen degradation of coffee is real.



PBI One-Way Valve Open/Release Mode Releasing CO₂ Emitted From Coffee

A critical component in the packaging and delivery of fresh and consistent coffee is the minimization of coffee exposure to oxygen. Oxygen spoils coffee flavor. This drawing is a cross section of a premade coffee bag with a one-way degassing valve in the open/release mode. Fresh roasted coffee naturally emits large amounts of CO₂ for 2-3 days after roasting. When pressure inside a sealed package increases beyond the “valve opening pressure,” the seal between the rubber disc and the valve body is momentarily interrupted and pressure can escape out of the package. As pressure is released and the pressure inside the package drops below the “valve close pressure,” the rubber disc re-seals to the valve body and the valve is closed off to oxygen again.

Drawing by: TD Vandenberg

Let PBI explain the “Coffee Protector” Program:

Protect the Quality...make the switch.

We will make it simple for selected roasters
to switch to our packaging;
without added costs.

Call to discuss the “Coffee Protector”
Program with our sales staff.

1.800.562.2247 www.pacificbag.com

PBI testing conducted at a third party facility confirmed there are many one-way degassing valves on the market that **do not work as one-way valves.** In fact, these valves allow unacceptable levels of oxygen in the coffee bag. (See technical study ***Performance of Pacific Bag One-Way Degassing Valves vs. Other Leading One-Way Degassing Valves.***)

We believe in our valve. Our valve is currently approved at P & G, Hawaii Coffee Company, S & D Coffee, Sara Lee, Mother Parker’s, General Foods/Kraft and Hawaiian Isle Coffee, to name a few. In our experience, approval requires at least one year of intense functional performance testing.

Is your one-way valve supplier approved?