

Simpl-Seal® vs. RF/Sonic/Heat



Sealed-plastic packaging is a standard in merchandising. Security against pilferage? Protection against damage/loss? Projecting a “clean merchandise” image? Sealed-clear-plastic is the answer (and has been for over fifty years). BUT, how the packages are sealed has changed. Efficiency, simplicity, sustainability, throughput, appearance and profitability have all been improved with Simpl-Seal.

RF/Sonic/Heat processing seals via a pressure and fusion. Workers or automation place an assembled/closed package in a press; the package seam is pressurized; a burst of energy fuses the plastic; the press opens; workers or automation unload the press. (Periodically, tooling that “forms” the seal and delivers the energy is checked/cleaned/repared.)



A common press/fuse installation →



Simpl-Seal seals with UV-activated adhesive. A thin bead of adhesive is applied to the sealing seam; the package is closed; the package is conveyed thru a UV-light tunnel (adhesive is instantly “cured”); a sealed package emerges, read for final pack-out. No press. No heat. No tooling. No cycle time. No energy-burst. No loading/unloading.

← The conveyor leading to/thru the light tunnel

One key question is: “Is it more efficient to apply adhesive (manually or automatically) than it is to load and unload a press (manually or automatically)?”

Production experience says, “one step is better than two.” Testing verifies this.

Another key question is: Are there other benefits from Simpl-Seal’s UV-adhesive seal?

- MORE PLASTIC CHOICES (BETTER SUSTAINABILITY AND COST SAVINGS)
- LESS ENERGY CONSUMED... UP TO 10X LESS (BETTER SUSTAINABILITY AND COST SAVINGS)
- SIMPL-SEAL’S CONTINUOUS PRODUCTION FLOW VS. PRESS/FUSE CYCLE TIME (LABOR EFFECIENCIES, BETTER USE OF AUTOMATION, COST REDUCTION)
- FEWER DESIGN DEMANDS (IMPROVED SHELF-PRESENCE, REDUCED PLASTIC, COST SAVINGS)
- NO SEAL SCARRING AND NO CUTOFFS (SHELF-PRESENCE, NO WASTE, SUSTAINABILITY)

Call Partner Pak (714-799-7879). Ask for a no-cost test of your packaging.