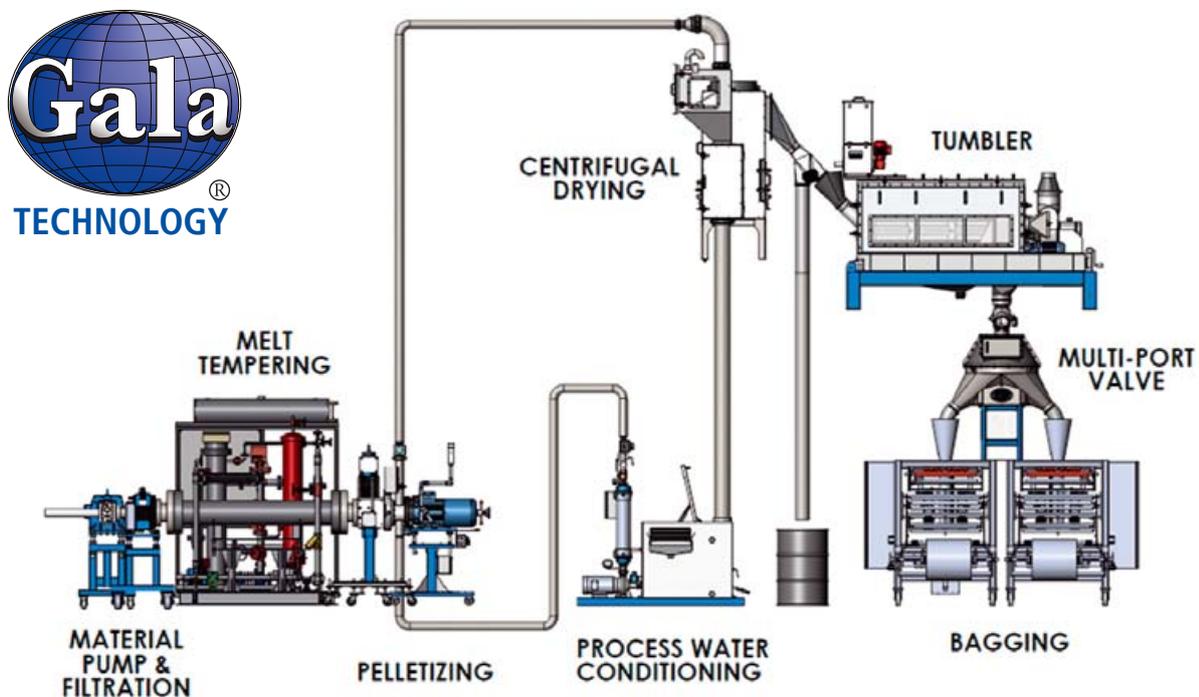


SINGLE-SYSTEM FLEXIBLE PROCESS FOR PRESSURE-SENSITIVE ADHESIVES

Pellet Processing Systems for the Adhesives Industry



The packaging and shipping of PSA has long challenged manufacturers and their customers. The current processes present inefficiencies and safety issues. They can also compromise the quality of the finished product. Gala Industries, long recognized in the industry for their premier hot-melt adhesive production systems and process knowledge, has developed a new system which streamlines the packaging process into a single production system. This cuts down on contamination, providing a safe, readily handled room-temperature product that's ready to ship.

Your benefits

- Less waste
- Greater production rates
- Less expensive packaging costs
- Patented process

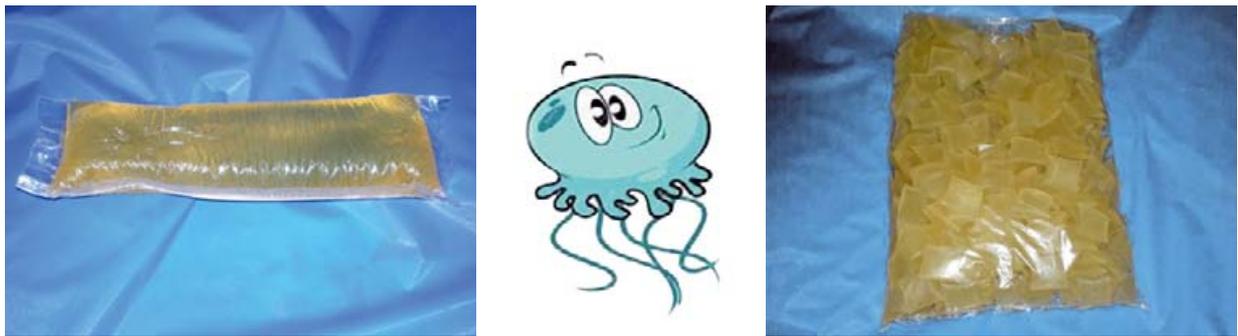
SINGLE-SYSTEM FLEXIBLE PROCESS

for Pressure-Sensitive Adhesives

THE PROBLEM

Traditional methods of packaging PSA involve filling plastic molds or specially coated boxes with molten material. This method is very rate-limited, creates large amounts of waste for the end user, and is costly to produce per pound of packaged material. It also places the operator in direct contact with hot polymer, creating a safety hazard.

Alternately, manufacturers will pump molten product into films, which are then sealed. One common issue with this process lies in the film. Since the adhesive being packaged is molten and hot, the packaging material may require a higher melting point than the contents. This can lead to unmolten film floating to the surface of an end user's melt pot, contaminating the client's product and creating process issues commonly referred to as "jellyfish."



THE SOLUTION

Gala has developed a patented PSA bagging system that combines manufacturing HMA pellets and packaging of PSA into a single production system. This eliminates the need for separate production systems and all the upstream and downstream equipment associated with them. With the Gala method, the inclusion bags are filled with cool pellets, allowing the use of low-melt-point inclusion film. Invisimelt- 20™ (patent pending) is specially engineered by Gala specifically for bagging PSA; it is formulated for superior compatibility with a melt point of 90°C. This allows the Invisimelt-20™ packaging to begin dissolving first in your customer's melt pot, homogenously blending in. The Gala PSA bagging system can be purchased as a complete new system or integrated into an existing Gala HMA production system.



Please contact Gala US to schedule a lab trial of your PSA, tacky or cold-flowing products.