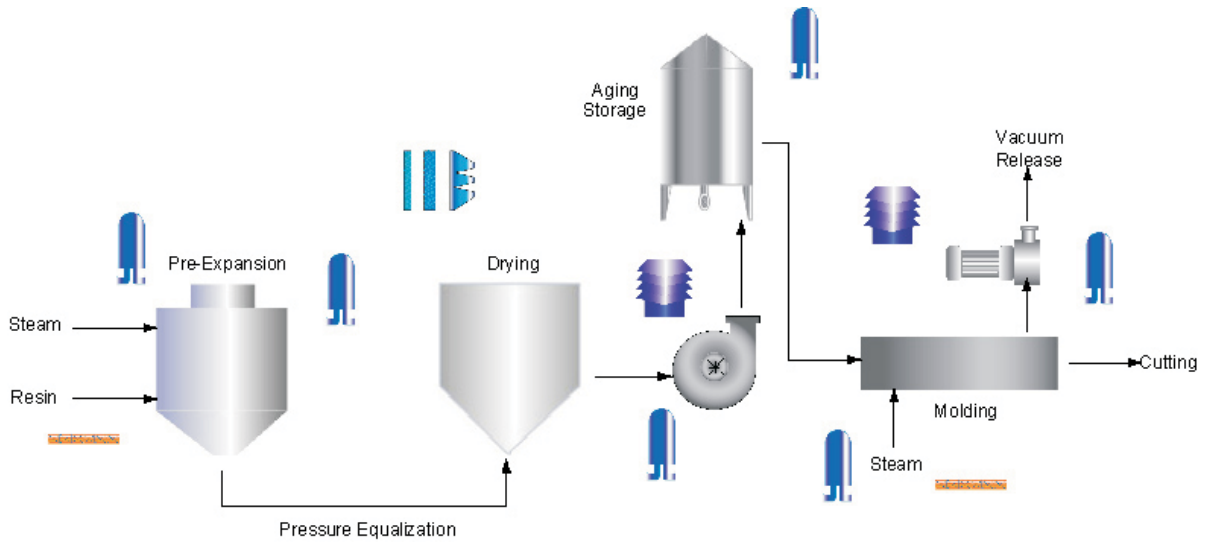






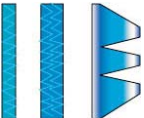
# CLASSIC

FILTER & EQUIPMENT LTD

## EPS PRODUCTION



### PRODUCT KEY

-  Vent Filter
-  Steam Filter
-  Steam Hose
-  Blower Intake Filter
-  HVAC Filters

### APPLICATION

The raw material resin beads which contain pentane gas are swollen through a process that combines heating and rapid release of gas. Steam is typically used to heat the beads and cause the beads to release the pentane gas. The beads are then pressure equalized before the drying process. In the drying process all condensed steam is dried from the surface of the beads. The beads are then stored to allow them to age before they move to the molding process. In the molding process, a vacuum system is used to remove air from the former. The void is replaced by steam, which causes the beads to soften. More steam is added and the pressure causes the beads to expand further until they fill the entire mold cavity. The beads are now fused into a solid block.



Steam utilized throughout the EPS production process should be filtered to remove any particulate contaminant that might reduce the quality of the finished product. Classic Filter and Equipment offers a number of products in metal and polymeric constructions for this application.



Process and Storage tanks should be equipped with vent filters to prevent contaminants in the tanks from releasing into the atmosphere. Classic Filter recommends sub-micronic vent filters for this application.



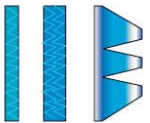
Blowers and Vacuum Pumps should be equipped with intake air filters to capture contaminants and prevent them from contaminating intermediate and final product. This will insure high quality finished goods. Classic Filter provides replacement air intake filters for OEM blower and vacuum pump equipment.



There are many applications for steam and vacuum hose within the EPS process. Classic Filter and Equipment can provide steam hose and high pressure suction and discharge hose to meet these needs.



Classic Filter and Equipment also provides Dust Collector replacement cartridges and bags to remove EPS dust from the workplace atmosphere. We can provide almost any size cartridge or bag to fit your needs.



All industrial plants utilize HVAC filters to protect Air and Heating equipment. Classic Filter and Equipment provides HVAC filters to for these applications. We, also, can provide Evaporative Cooling Media for Air Chillers.

**CLASSIC FILTER AND EQUIPMENT, LTD.**

P.O. Box 16486, Fort Worth, TX 76162-0486

Phone: 817-886-0008 Fax: 817-230-4198

[www.classicfilterandequipment.com](http://www.classicfilterandequipment.com)