

## 2-Part Molded-In-Place Filter End Cap Molding Applications

### BACKGROUND

Since 1984 a major Electronic and Filter Corporation has been a steady and loyal customer of Sealant Equipment & Engineering, Inc. These two companies have worked together to ensure the right equipment was designed for metering, mixing and dispensing 2-component polyurethanes for the manufacture of many different filter elements.

### GENERAL INDUSTRY APPLICATIONS

This customer is one of the largest and more respected manufacturers of Pool and Spa filters. They continually provide new and innovative products to their distribution network. Pleatco uses rugged polyurethane and plastisol formulations to create filters that meet the filter market demands.

### METER MIX and DISPENSE EQUIPMENT

This customer continues to purchase and recommend Sealant Equipment & Engineering's See-Flo® 7 Precision Metering Systems which provides economical, reliable and trouble-free metering for their low to medium viscosity materials year after year.

The **adjustable-ratio feature** of the See-Flo 7 permits you to vary the mix ratio in order to produce end caps with different durometers or hardness. The ratio adjustment is simple and the mix ratio is readily verified with the simple ratio check feature.

The **adjustable flow rate feature** ensures that product flow rate requirements are met while maintaining the system ratio and product quality.

The optional **adjustable shot size feature** allows the operator to quickly adjust the volume dispensed for each batch of products.

The See-Flo 7 systems include 30-gallon resin and 10-gallon catalyst supply tanks and 2200-250 Series Snuf-Bak™ Mix and Dispense Valves.

### Typical Engineered System Features:

- Servo-Flo 7 Pneumatic-Drive Metering Assembly
- Control Panel Assembly with Operator Interface
- 2-Part Dispense Valve: Snuf-Bak™ (or No-Drip®)
- Mixer and Metal Shroud: Extruding bead
- 2-Part Supply Tanks (to 60-Gallon) with Controls
- Hoses Selected for Flow Rate and Mix Ratio

### Available Features:

- Positive Rod Displacement or Gear Metering
- Supply Pumps for Pails, Drums and Totes
- Integrated Material Temperature Control System
- Mobile Carts, Boom Assembly for Dispense Valve
- Automation Integration and Engineering Services
- Automation Tooling Design and Dress-Out



2-component polyurethane is applied into the end cap mold prior to inserting the filter element

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2200-250 Snuf-Bak™  
Mix-Dispense Valve  
with No-Flush™  
Disposable Mixer



"These rugged polyurethane and plastisol END CAPS offer greater chemical resistance and are less prone to cracks and breaks that occur with other filter cartridges."



See-Flo® 7 Adjustable Ratio,  
Continuous Flow Meter Mix  
Dispense System with Mix-  
Dispense Valve and Ratio-Check



Pressure Supply Tanks for  
Resin and Catalyst Materials

Form: End Cap Molding-002



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