

High-Volume Heated Tip-Seal® Valve

High Volume Heated Tip-Seal Valve for Viscous Materials



**Model 2200-806
Heated Tip-Seal® Dispense Valve**

- ▶ High volume flow rate design and operation
- ▶ Configured for heated abrasive materials
- ▶ Tip-Seal design has fast and driplless shut-off
- ▶ 1" NPT material inlet port
- ▶ 3/4" diameter material outlet orifice
- ▶ A second 1" NPT material port for ganging multiple valves or circulation back to tank to keep fillers in suspension
- ▶ Carbide zero-cavity shut-off needle for long life
- ▶ Heated material chamber includes 120v heater cartridges
- ▶ Nozzle has separate heater to prevent loss of temperature and cold material starts
- ▶ Includes wear resistant internal components and high temperature seals
- ▶ Double air operated valve on-off design is operated by a simple 4-way valve
- ▶ Manual handles for fixturing the valve assembly are available

High Volume Heated Valve for Adhesive, Sealant and Mastic Materials

Model 2200-806 High Volume Tip-Seal Heated Valve safely and efficiently dispenses heated material in a high volume production environment. It's ideal for applications demanding high volume dispensing of viscous and abrasive materials, without splash-back, requiring fast and driplless shut-off. The aluminum valve body is heated with 120 volt cartridge heaters; the temperature is monitored with a type 'J' thermocouple; a band heater and thermocouple are located around the nozzle to eliminate cold material startup. Heat controls are normally customer supplied.

Typical Applications

- Dispensing lighting ballast pitch
- Large volume, slow pour potting
- Eliminating splashing in pouring operations
- Laminating roller fill applications
- High volume packaging applications
- Fast, crisp immediate shut-offs

2200-806 High-Volume Heated Valve



Features:

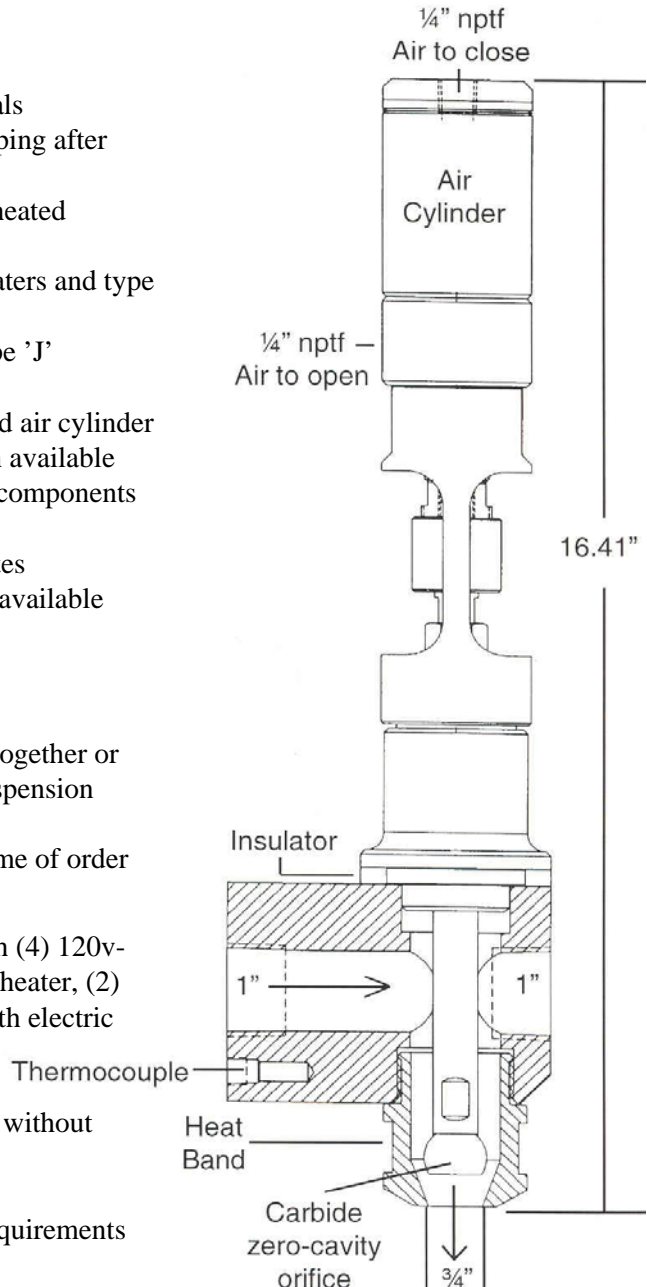
- High volume flow design and operation
- Configured for abrasive and heated materials
- Zero-cavity Tip-Seal® helps eliminate dripping after shut-off
- Large orifice helps eliminate splashing of heated material
- Heated material chamber with (4) 120v heaters and type 'J' thermocouple
- Heated nozzle with (1) 120v heater and type 'J' thermocouple
- Phenolic insulator between heated body and air cylinder
- Dual handles with electric start-stop switch available
- Carbide needle and wear resistant internal components
- High temperature seals
- Unrestricted material path for high flow rates
- Ambient model without heaters or sensors available

Specifications:

- 1" NPT female material inlet port
- 3/4" diameter material outlet orifice
- A second 1" NPT port for ganging valves together or circulating material to maintain particle suspension
- 350° F Maximum Operating Temperature
- Seal material compatibility is selected at time of order

Models:

- **2200-806-003:** Heated Tip-Seal Valve with (4) 120v-180w body heaters, (1) 120v-350w nozzle heater, (2) Type 'J' thermocouples; 2 handles (one with electric finger switch) attaches to users fixture
- **2200-806-005:** Valve Assembly (ambient) without handles, heaters and thermocouple sensors
- Contact us for other valve configuration requirements



Manufacturers of Precision Dispense Systems & Valves

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