

## Specifications

### MATERIAL SUPPLIER

LG Chem

### INDUSTRY

Battery

### APPLICATIONS

Electronics

Electric Vehicles

### MATERIAL SPECS

#### Typical Properties

- Color: Blue
- Viscosity: 240 Pa S (mixed)
- Thermal Conductivity (W/mk): 3.0
- Mix Ratio: 1:1 by weight and volume
- Density: (g/cc): 3.0

### GRACO EQUIPMENT RECOMMENDATION\*

#### Graco MD2 Two Component Dispense Valve:

- Designed to accurately dispense and mix plural-component sealants and adhesives
- Minimizes maintenance time and costs while maximizing dispense time
- Designed with fewer parts and is easy to clean
- Streamlines maintenance and service
- Complete modular design adapts to different installation needs
- No unique tools required

#### Graco Electric Fixed Ratio (EFR) Meter, Mix and Dispense System:

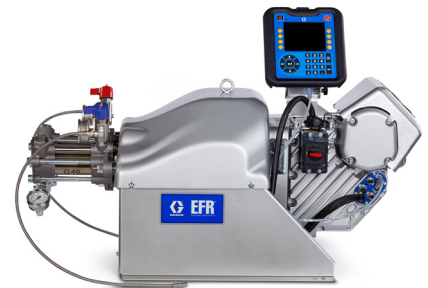
- Electrically driven proportioned for two-component sealant and adhesives
- Provides advanced material control in applications requiring consistent shot and beads
- Built with industry proven Z Pumps that provide multiple ratio options and available in an abrasive resistant version
- With advanced precision driver that reaches up to 20 cycles per minute and requires limited maintenance
- Electric motor directly controls the movement in the pumps to achieve the requested flow rate right from the start
- With the built-in encoder, material flow is continuously controlled to assure a consistent flow rate, even during pump changeovers

#### Graco E-Flo® SP Supply System with Check-Mate® Electric Pump:

- Designed for industrial and automotive sealant and adhesive application
- This advanced pump will drastically increase efficiency, improve system control capabilities, optimize process performance, and provide critical performance data
- Eliminates compressed air usage, prevents downtime, and lowers maintenance costs
- Accurately control system pressure and flow rate and ability to integrate with PLC and robot controllers



MD2 Two Component Dispense Valve



Electric Fixed Ratio (EFR) Meter, Mix and Dispense System

\*Exact configuration will vary and depend on factors such as rate of output, length and size of hoses, bead size desired, and container sizes.

## Specifications Cont.

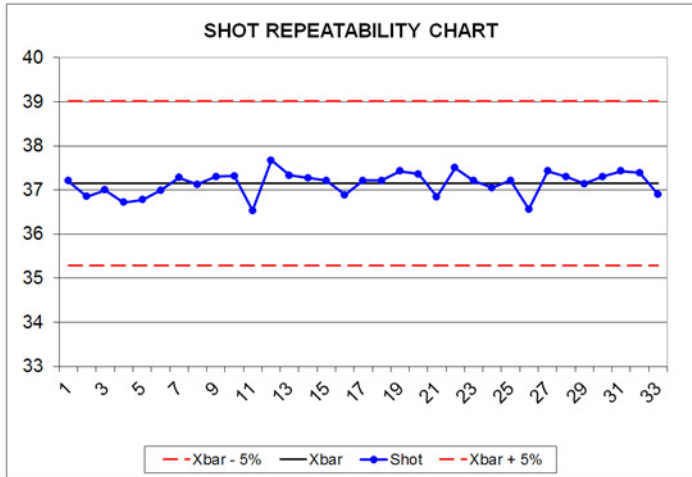


Figure 1: Shot Repeatability Chart

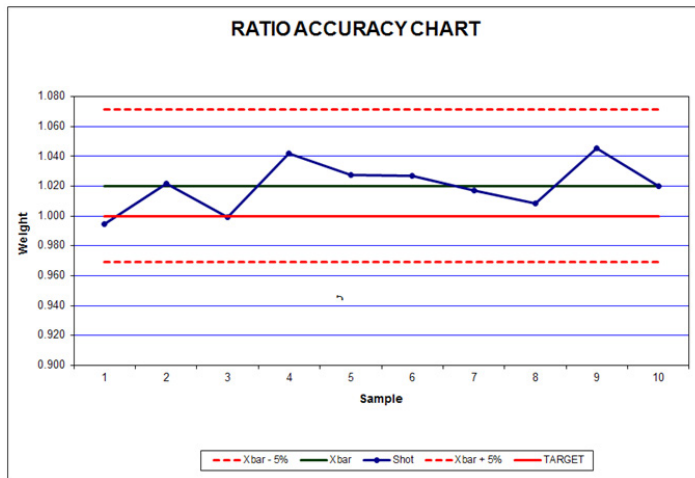


Figure 2: Shot Data

### LEARN MORE

Graco is a worldwide leader in fluid handling and is committed to providing A+ service every time. Visit [graco.com](http://graco.com) to learn more about Graco's solutions for thermal dispensing and to speak with an expert about your process.



*E-Flo SP Supply System with Check-Mate Electric Pump*



For more information, contact us at 1-330-494-1313 or [OhioCS@graco.com](mailto:OhioCS@graco.com). Visit us at [www.graco.com](http://www.graco.com)

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