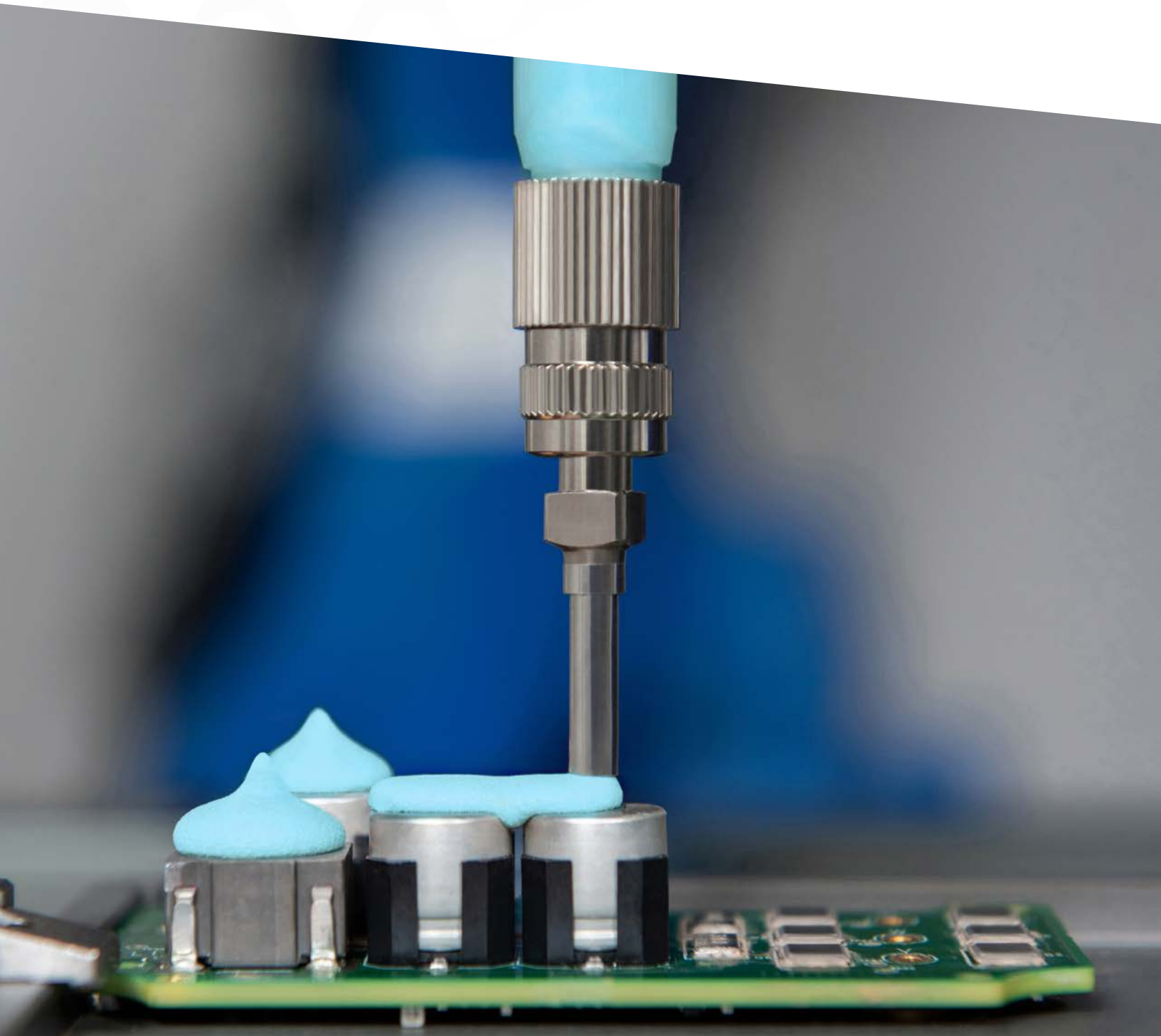




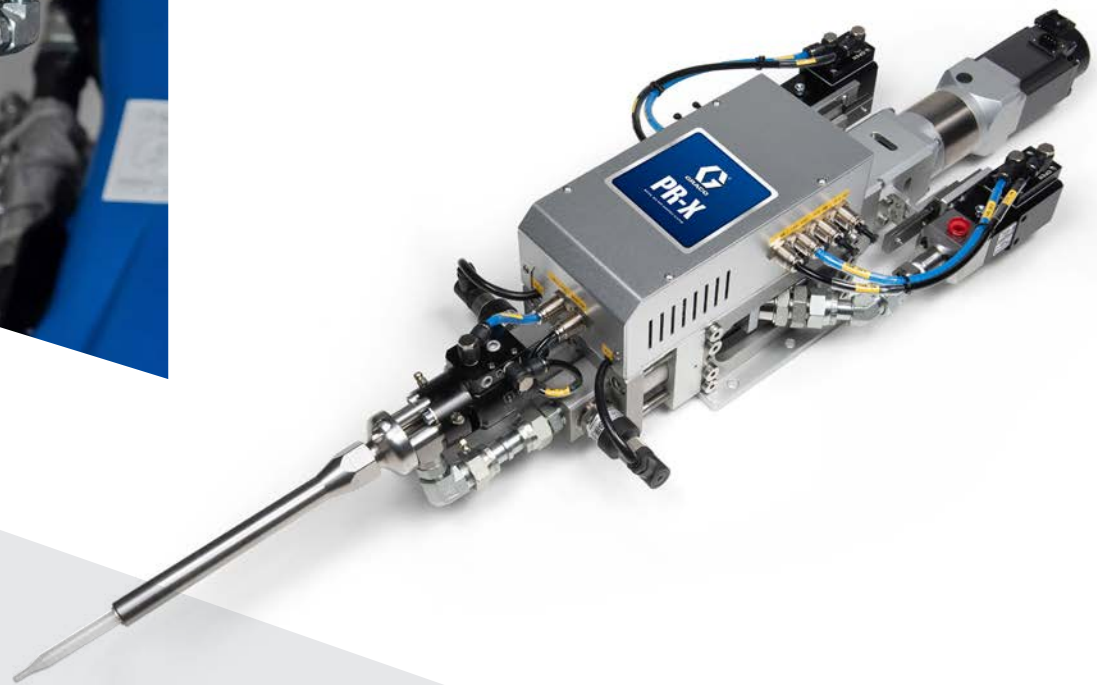
# PR-X

METER, MIX AND DISPENSE SYSTEM





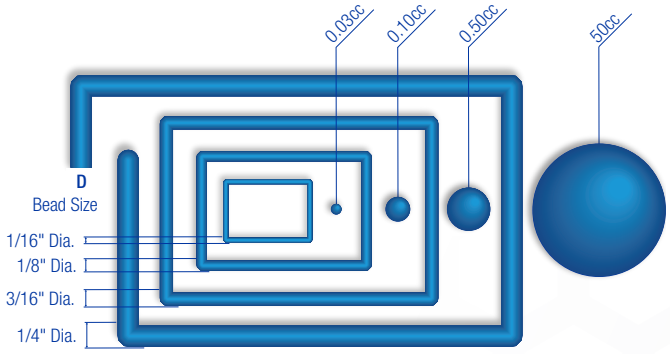
The Graco PR-X solution is a meter, mix and dispense system for two component sealant and adhesive applications. Ideal for applications requiring both precision dispensing and tight ratio tolerances, the servo-driven PR-X provides superior control and repeatability for beads, dots and other patterns to ensure specifications are met every single time. The PR-X utilizes a unique, patent pending fluid path design engineered to handle highly abrasive, highly filled and high viscosity materials - like many common thermal management materials on the market. The system's lightweight and compact form coupled with simple communication options makes integration into existing or new automated production lines an easy task, increasing the potential unit per hour (UPH) throughput.



1

### PRECISE AND REPEATABLE

- Servo-driven design delivers both precision and repeatability in dispensing
- On-demand flow control improves repeatability by allowing for the synchronization of dispense rates with automation speeds



2

### ENGINEERED FLUID HANDLING WITH DURABLE PARTS

- Patent-pending fluid path delivers true first-in first-out dispensing, preventing materials from blocking and curing inside the pump. The result is long lasting on-ratio dispensing, with minimal recurring maintenance
- Extensive service life is achieved by leveraging Graco core technology, with engineered coatings and fluid path geometry specifically designed to resist wear from abrasive materials



*First-In-First-Out (FIFO) Fluid Path*

3

### COMPACT, LIGHTWEIGHT, AND DESIGNED FOR INTEGRATION

- The small size and low mass of PR-X allow for installation flexibility - meeting the needs for both stand-alone benchtop and automated applications
- Multiple system configurations allow for flexibility in both raw material delivery and dispensing
- Simple communication protocols provide seamless integration with robots, automated work cells, and data tracking systems



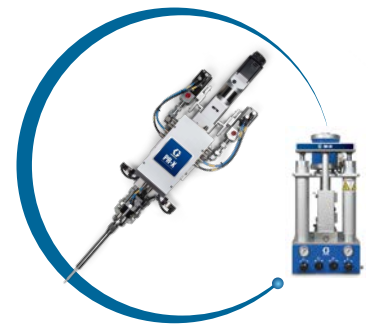
## SYSTEM CONFIGURATIONS

### Cartridge or supply pump feed

- Feed raw material directly from cartridges mounted onto the PR-X, the preferred method for extremely high viscosity, highly filled materials, and micro-dispense applications
- For high throughput dispensing, supply raw material remotely using supply pumps designed to deliver from a wide range of container sizes - from cartridges to drums



*Cartridge feed*



*Supply pump feed*

### Direct or remote mounted dispense valve

- PR-X uses Graco's proven MD2 dispense valve, which can be direct or remote mounted to best fit the application requirements
- Direct mount option enables the PR-X system to be mounted on an automation solution, which minimizes floor space requirements. Ideal for the most highly filled and highest viscosity materials
- Remote mount option provides for more flexibility in the design of the workspace and minimizes automation payload requirements



*Direct mounted dispense valve*

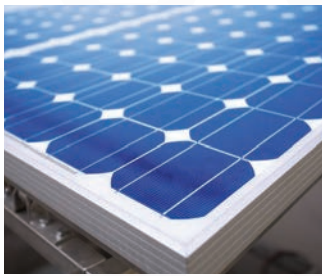
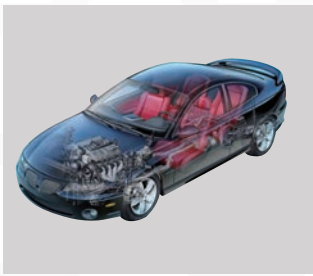

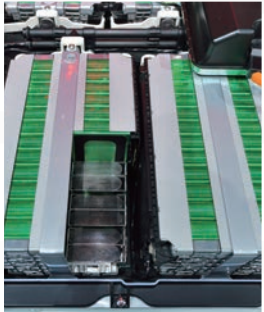
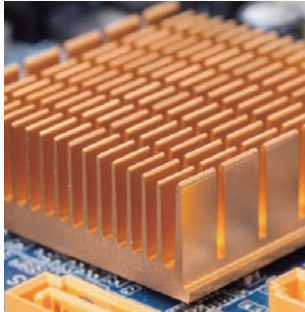


*Remote mounted dispense valve*

# APPLICATIONS

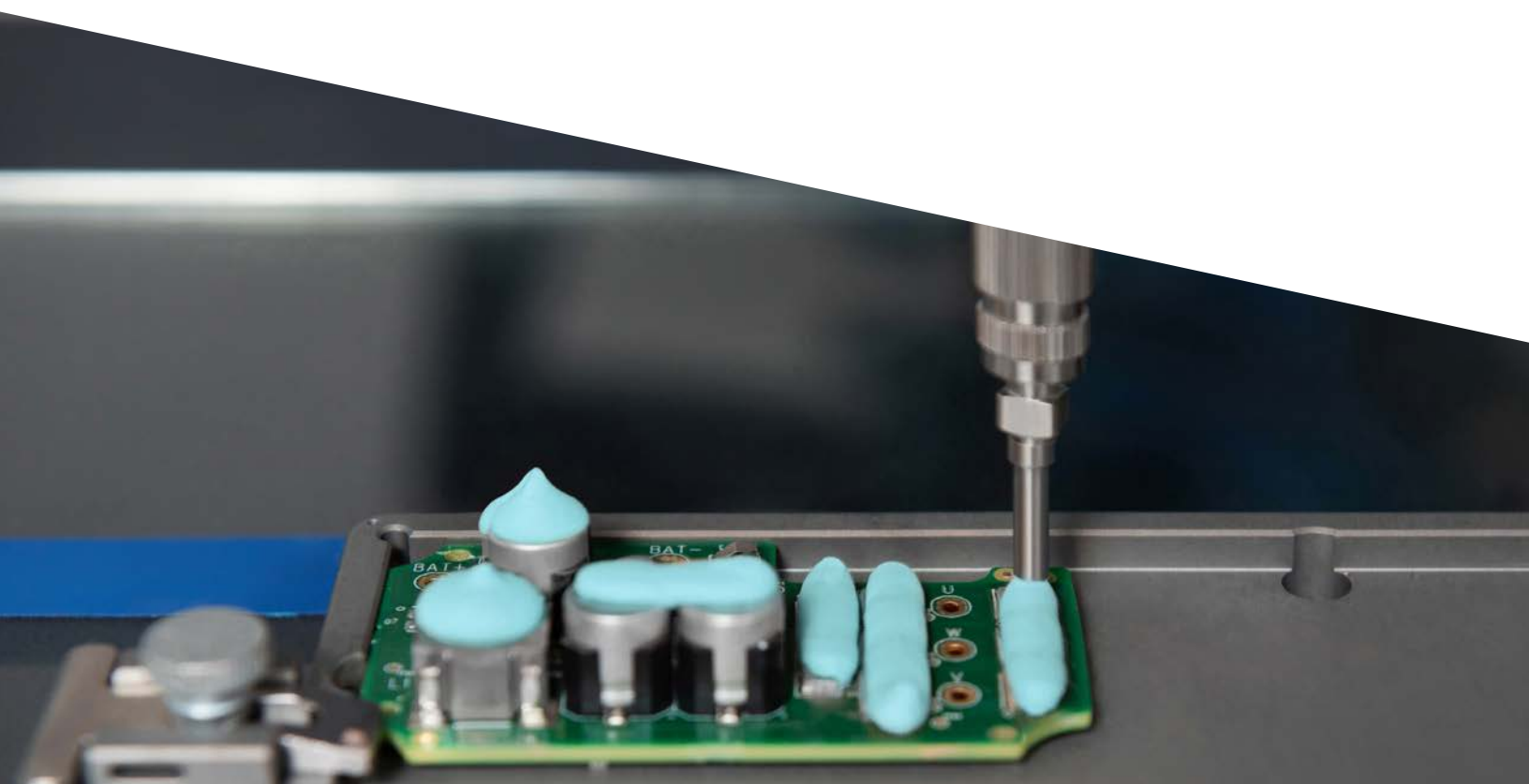


# INDUSTRIES

<p>Solar</p> 		<p>Automotive and other electronics</p>	<p>General Industry</p>
	<p>Telecom</p>		<p>Lithium Battery</p> 

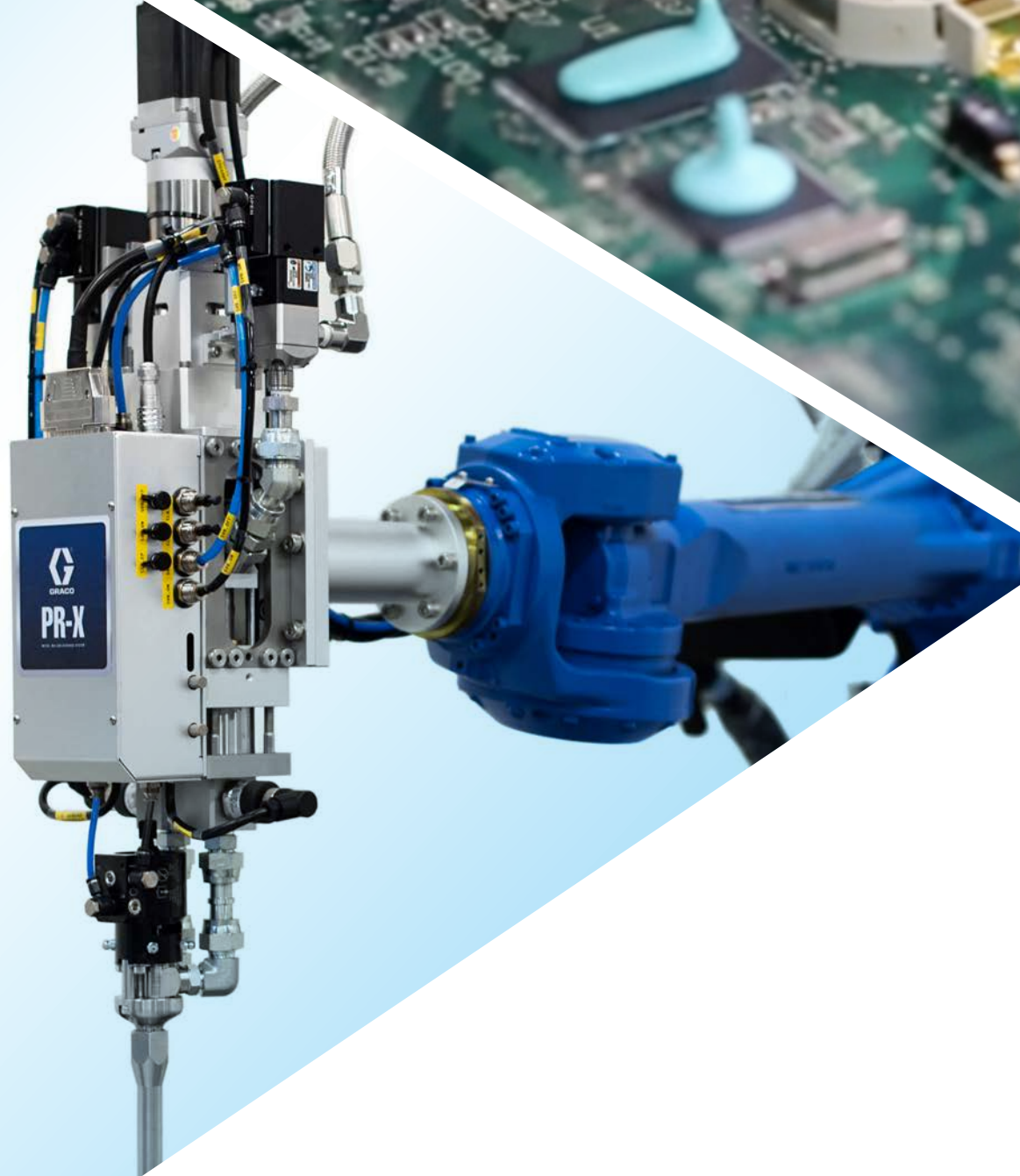
## TECHNICAL SPECIFICATIONS

CATEGORY	DATA
Maximum working fluid pressure	1200 psi (8.4 Mpa, 84 bar)
Maximum air pressure	100 psi (0.7 Mpa, 7 bar)
Power input	200 - 240 VAC, Single phase, 50/60 Hz, 10 A
Air inlet	1/4 npt (f) (6mm Quick Disconnect Included)
Fluid inlet	1/4 npt (f)
Fluid outlet	7/8 - 9 bell outlet
Fluid viscosity range	20 to 1,000,000 cps
Weight (empty)	35 lbs (16 Kg)
Wetted parts	303 stainless steel, 17 - 4 PH stainless steel, C2 carbide, Hard chrome, Ethylene propylene, Parker polymite, PTFE
Shot size range	0.03 - 50 cc
Shot size repeatability	±1%
Material ratio	1:1 to 2.4:1
Ratio accuracy	±1%



PRECISION

INTEGRATION



# Graco has you covered

## About Graco

Founded in 1926, Graco is a world leader in fluid handling systems and components. Graco products move, measure, control, dispense and apply a wide range of fluids and viscous materials used in vehicle lubrication, commercial and industrial settings. The company's success is based on its unwavering commitment to technical excellence, world-class manufacturing and unparalleled customer service. Working closely with qualified distributors, Graco offers systems, products and technology that set the quality standard in a wide range of fluid handling solutions. Graco provides equipment for spray finishing, protective coating, paint circulation, lubrication, and dispensing sealants and adhesives, along with power application equipment for the contractor industry. Graco's ongoing investment in fluid management and control will continue to provide innovative solutions to a diverse global market.

## Unmatched Quality

Our focus on continued innovation keeps Graco at the forefront of fluid handling technology. We typically reinvest three times the industry average into research and development. Our mission is to provide customers with products that result in the **lowest total cost of ownership** while maximizing product quality and business success.

## Global Presence

With facilities located in the United States, Asia Pacific and Europe, Graco provides a personalized, **end-to-end partnership experience**. Our engineers will lead the solution planning, testing and refining of your solution in our regional labs to ultimately overseeing the product installation process.

## Global Support

After installation, **in-person support** will be available from our worldwide distribution network of trained and certified distributors who offer relevant experience, product knowledge and responsive service.

There is no better reassurance than Graco technology, product innovation and the people committed to helping you succeed all day, every day.

## Contact us today!

Call **800-746-1334** to speak with a Graco representative, visit **[www.graco.com](http://www.graco.com)** for more information.



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