



Z - Pumps

For pumping plural components



PROVEN QUALITY. LEADING TECHNOLOGY.

Accurate Pumps for Maximum Performance

Compatible with Graco's Electric Fixed Ratio (EFR) and Hydraulic Fixed Ratio (HFR) Meter, Mix, and Dispense Systems, Z-Pumps can be used in an endless number of applications requiring two-component materials.

- Precision machined pumps give on-ratio performance and multiple ratio options
- Positive displacement technology produces consistent flow rate for high-viscosity materials requiring precise outputs
- Reduce service downtime with wear-resistant coatings and easy-to-replace seals
- Paired with the EFR or HFR, closed loop pressure and flow controls provide accuracy at low flow rates and small shot sizes



Cutaway of Z-Pump with Elite Technology

Pumps and Coatings to Meet your Application Needs

Severe Duty

Z-Pumps with Severe Duty technology are stainless steel or carbon steel construction with a rugged chrome plating, giving durable operation for non-abrasive materials. These pumps are ideal for low- or high-flow applications of materials like silicones, urethanes, epoxies, sealants, adhesives, and foams.

Series: S1, S3, S4

Elite

Z-Pumps with Elite technology offer the highest level of durability for Thermal Interface Materials (TIMs) and other abrasive materials. With wear-resistant seals and pump components, these pumps deliver the longest life and lowest cost of ownership in the industry.

Series: S5, S8

Technical Specifications

| | | | |
|---------------------------------------|-----------------|---------------------------|-------------------------|
| Feed Type | Pressure Feed | Fluid Outlet | 3/4-16 in. SAE (female) |
| Minimum Inlet Pressure | 60 psi (4 bar) | Fluid Inlet | 3/4 in. NPT (female) |
| Maximum Viscosity (cPs) | 3,000,000 | Metering Principle | Positive Displacement |
| Maximum Working Pressure (psi) | 3,500 (241 bar) | Weight | 30 lbs. (13.6 kg) |
| Maximum Operating Temperature | 180°F (82°C) | | |

Z-Pump Selection Guide

| Severe Duty | | | Elite | | |
|-------------------------------------|--------------------------------|----------|--------------------------------|--|----------------------------|
| Series | S1 | S3* | S4 | S5 | S8 |
| Compatible Systems | HFR | HFR | EFR | EFR HFR | |
| Compatible Materials | Sealants, Adhesives, and Foams | NVH Foam | Sealants, Adhesives, and Foams | Thermal Interface and Abrasive Materials | |
| Ball Check Material and Size | Stainless Steel 1 in. | | Silicon Nitride 1/2 in. | Silicon Nitride 1/2 in. | Silicon Nitride 7/8 in. |

| Part Numbers | | | | | |
|----------------|--------|--------|--------|--------|--------|
| Pump Size (cc) | S1 | S3 | S4 | S5 | S8 |
| 5 | L005S1 | | L005S4 | L005S5 | |
| 10 | L010S1 | L010S3 | L010S4 | L010S5 | |
| 15 | L015S1 | | L015S4 | | |
| 20 | L020S1 | L020S3 | L020S4 | | L020S8 |
| 25 | L025S1 | | L025S4 | | |
| 30 | L030S1 | | L030S4 | | |
| 35 | L035S1 | | L035S4 | | |
| 40 | L040S1 | | L040S4 | | L040S8 |
| 45 | L045S1 | | L045S4 | | |
| 50 | L050S1 | | L050S4 | | |
| 60 | L060S1 | | L060S4 | | |
| 65 | L065S1 | | L065S4 | | |
| 70 | L070S1 | | L070S4 | | |
| 75 | L075S1 | | L075S4 | | |
| 80 | L080S1 | | L080S4 | | L080S8 |
| 86 | L086S1 | | L086S4 | | |
| 90 | L090S1 | | L090S4 | | |
| 100 | L100S1 | | L100S4 | | L100S8 |
| 105 | L105S1 | | L105S4 | | |
| 120 | L120S1 | | L120S4 | | L120S8 |
| 140 | L140S1 | | L140S4 | | |
| 150 | L150S1 | | L150S4 | | |
| 160 | L160S1 | | L160S4 | | L160S8 |

*This pump series is specific to the HFR for Noise Vibration Harshness foams



OUR PROMISE TO YOU

Since 1926, **innovation**, **quality** and **A+ service** have been at the centre of Graco.

Experience innovation

Our focus on innovation results in products and equipment that lead the industry with technologically-advanced features, pioneering design, high performance and unparalleled reliability. In short, innovation is how you get better products!

Building quality

You are investing in high-quality products built to last for years of reliable service. Moreover, we partner with our customers to better understand how you're deploying our products in the field, then use your experiences to improve performance and durability.



A+ service, every time

You'll see A+ Service in action when you contact any of our support services options no matter where you are in the world. We'll listen to your situation and work methodically to resolve it as quickly as we can. We are guided by a mindset of integrity and a customer service view centred on collaboration and relationships, not transactions.



We are here to answer questions and help address your needs.

www.graco.com/contact

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