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

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

<table>
<thead>
<tr>
<th>Feed Type</th>
<th>Pressure Feed</th>
<th>Fluid Outlet</th>
<th>Fluid Inlet</th>
<th>Maximum Viscosity (cPs)</th>
<th>Metering Principle</th>
<th>Maximum Working Pressure (psi)</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td>Minimum Inlet Pressure</td>
<td>60 psi</td>
<td>Fluid Inlet</td>
<td>3/4 in. NPT (female)</td>
<td>3,000,000</td>
<td>Positive Displacement</td>
<td>3,500</td>
<td>30 lbs. (13.6 kg)</td>
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<td>Maximum Operating Temperature</td>
<td>180°F (82°C)</td>
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# Z-Pump Selection Guide

<table>
<thead>
<tr>
<th>Severe Duty</th>
<th>Elite</th>
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<tr>
<td>Series</td>
<td>S1</td>
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<tr>
<td>Compatible Systems</td>
<td>HFR</td>
</tr>
<tr>
<td>Compatible Materials</td>
<td>Sealants, Adhesives, and Foams</td>
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<tr>
<td>Ball Check Material and Size</td>
<td>Stainless Steel 1 in.</td>
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## Part Numbers

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<tr>
<th>Pump Size (cc)</th>
<th>S1</th>
<th>S3</th>
<th>S4</th>
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*This pump series is specific to the HFR for Noise Vibration Harshness foams*
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.

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800-746-1334 or visit us at www.graco.com.

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