



Precision dispensing solutions for sealants & adhesives

Reliable. Efficient. Built for your success.

Moving and dispensing modern sealant and adhesive formulations is increasingly complex. Higher viscosities, shear-sensitive materials, and filled compounds demand equipment that can handle variation without degrading material integrity or causing costly downtime.

ARO piston pumps are purpose-engineered for these demanding applications, delivering reliable flow control, long service life, and the uptime your operation depends on. Whether you're dispensing structural adhesives, sealants, or heavily filled compounds, we keep your production moving with confidence.

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Built for the realities of your production line, our solutions help you maintain quality, reduce waste, and keep your process running smoothly.

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Proven solutions for every viscosity challenge



Chop-Check Piston Pumps

For high-viscosity materials that are difficult to move or prone to cavitation.

- ▶ Handles 15,000 to 1,000,000+ cPs
- ▶ Output up to 12.2 gpm (46 L/min)
- ▶ Configurations with ratios up to 65:1
- ▶ Primer design prevents cavitation with non-leveling materials
- ▶ Flat mechanical valves eliminate stringing

Applications:

- ▶ Extrusion of viscous adhesives, sealants, caulking, heavy lubricants to the application
- ▶ Transfer of heavy greases, inks, other viscous materials

Custom solutions through our solution center

Need something beyond standard configurations? Our Mooresville, NC facility creates tailored pump assemblies and integrated system packages. We offer witness testing and material validation for specialized requirements.



Let's find your solution

When dispensing performance affects quality, uptime, and cost, the right pump matters—connect with us for application-specific guidance.



2-Ball Piston Pumps

For low- to medium-viscosity, shear-sensitive, or abrasive materials.

- ▶ Handles up to 100,000 cPs
- ▶ Output up to 18.1 gpm (68.6 L/min)
- ▶ Configurations with ratios up to 65:1
- ▶ Dual-ball valve system for smooth delivery
- ▶ Ceramic coating option for abrasive materials

Applications:

- ▶ Transfer and supply for production lines
- ▶ Extrusion of low- to medium-viscosity sealants
- ▶ Lubrication systems

Value that extends beyond the pump

- ▶ Wide fluid compatibility
- ▶ Reliable, consistent flow
- ▶ Precise dispensing
- ▶ Durable, proven construction
- ▶ Long service life
- ▶ Simplified maintenance
- ▶ Clean, leak-free performance
- ▶ Predictable total cost of ownership
- ▶ Easy integration

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