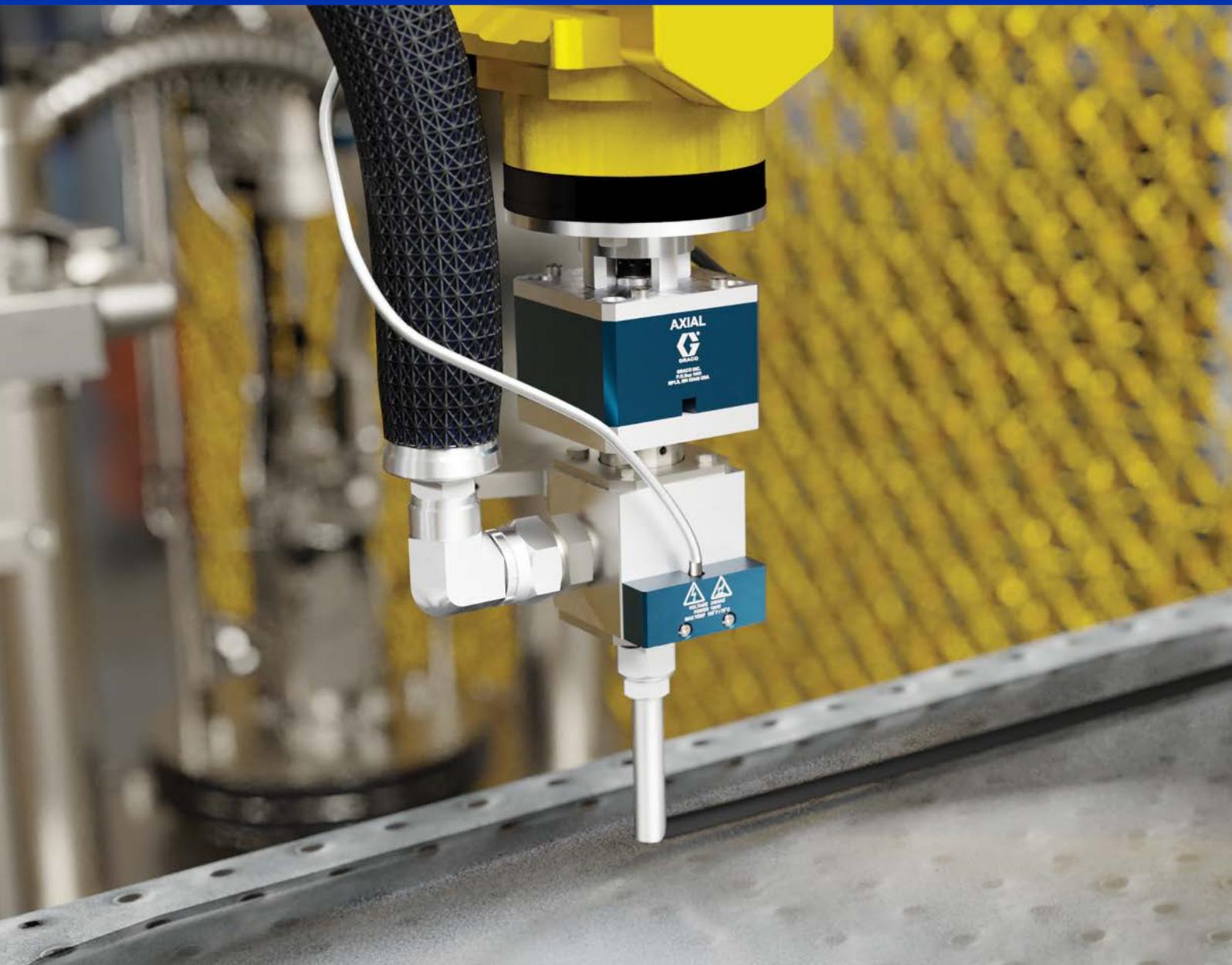


Axial™ Rotating Dispense Valve



Dispense Solution for High Viscosity Window Urethane



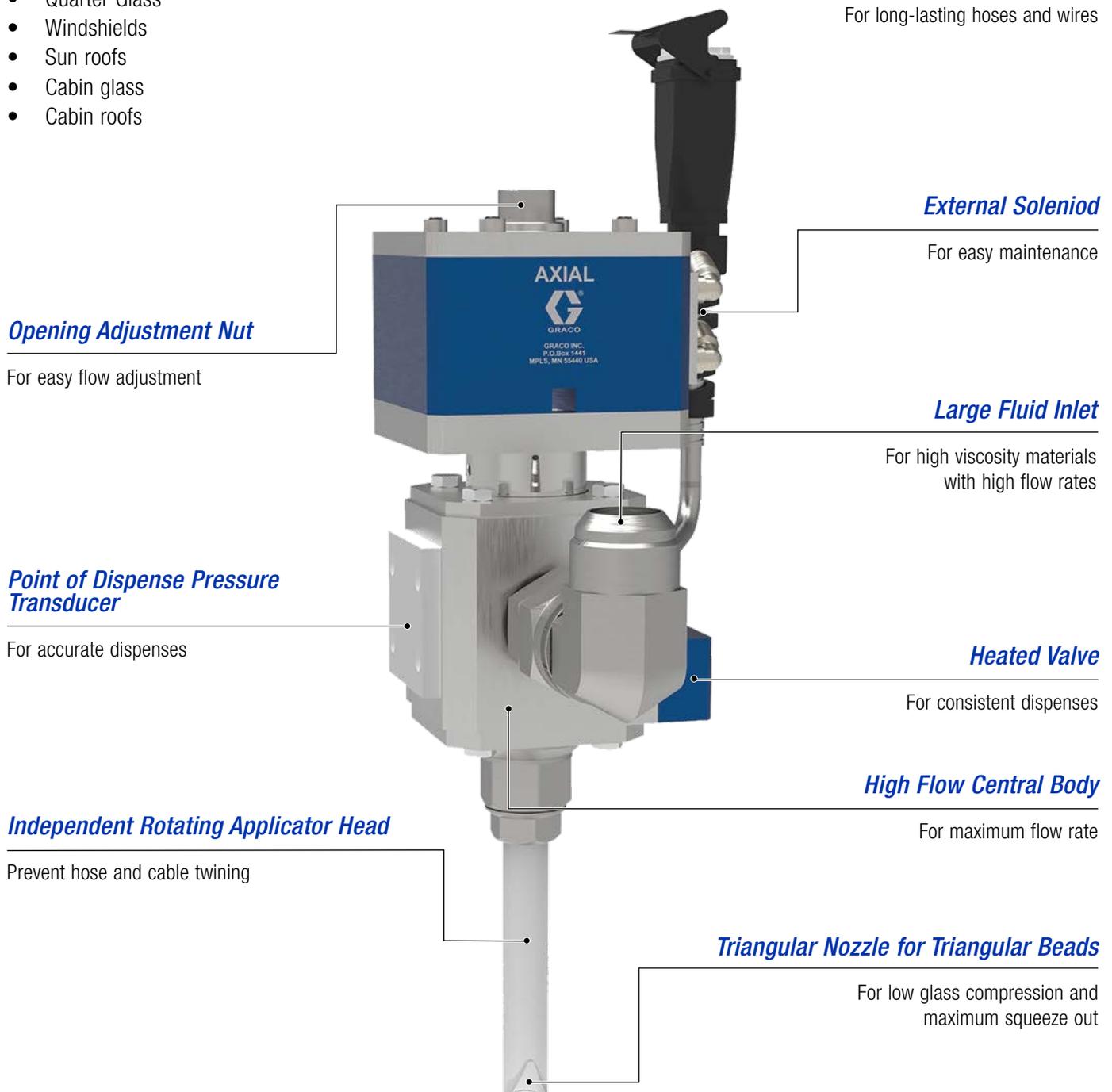
PROVEN QUALITY. LEADING TECHNOLOGY.

Axial Dispense Valve for Urethanes

The Graco Axial Dispense Valve is a lightweight, high flow, high pressure applicator designed for precision robotic application of window urethane. The applicator is equipped with swivel functionality, meaning the valve can rotate independently of the cables and hoses to prevent stress on the robot and the hoses.

Designed for various window glazing applications, including:

- Back Glass
- Quarter Glass
- Windshields
- Sun roofs
- Cabin glass
- Cabin roofs



Opening Adjustment Nut

For easy flow adjustment

Robot Mount and Anti-swivel Bracket

For long-lasting hoses and wires

External Solenoid

For easy maintenance

Large Fluid Inlet

For high viscosity materials with high flow rates

Point of Dispense Pressure Transducer

For accurate dispenses

Heated Valve

For consistent dispenses

High Flow Central Body

For maximum flow rate

Independent Rotating Applicator Head

Prevent hose and cable twining

Triangular Nozzle for Triangular Beads

For low glass compression and maximum squeeze out

Technical Specifications and Ordering Information

Axial Dispense Valve	
Maximum Fluid Working Pressure	4000 psi (28 MPa, 276 bar)
Maximum Cylinder Air Pressure	120 psi (0.83 MPa, 8.3 Bar)
Inlet and Exhaust Port Size	1/8 in. NPT (female)
Air Inlet Size	1/8 in. NPT (female)
Air Exhaust Port Size	1/8 in. NPT (female)
Fluid Inlet Size	7/8-14 SAE (#10) and 16 JIC
Weight	
26B450	10.6 lb (4.8 kg)
26B451	11.0 lb (4.9 kg)
26B452	10.3 lb (4.6 kg)
26B453	10.6 lb (4.8 kg)

► Axial Dispense Valves

Part Number	Ambient/Heat	Solenoid
26B450	Ambient	Direct Mount
26B451	Heated	Direct Mount
26B452	Ambient	Remote Mount
26B453	Heated	Remote Mount



Robot mount and anti-rotation bracket

► Nozzles

Part Number	Bead Width mm (in.)	Bead Height mm (in.)
26B477	16 (0.63)	16 (0.63)
26B663	8 (0.31)	12 (0.47)
26B664	6 (0.23)	8 (0.32)

All valves come with a 6 mm x 8 mm (0.23 in x 0.32 in) nozzle.



Nozzle and O-ring kit

► Mounting Brackets and Anti-Rotation Brackets

Graco offers mounting brackets and anti-rotation brackets to accommodate various robot models. Refer to the manual for models.



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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All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Graco is certified ISO 9001.



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