



First choice when
quality counts.™

LPDV™ Low Pressure Dispense Valve

**For accurate
shot metering
during small
parts assembly
& encapsulation**

- **Stainless steel construction provides compatibility with a wide range of materials**
- **Compact design allows the user greater mounting flexibility**
- **Internal spring return makes the unit fully adaptable to timed-dispense applications controlled by time-pressure dispense controllers**



SEALANT ADHESIVE EQUIPMENT

Graco's Low Pressure Dispense Valve (LPDV) is a highly precise application tool suitable for low pressure applications of minute quantities of sealant or adhesive. This precision valve makes it possible to apply drops or beads of material in finely metered amounts to fit the most exacting production requirements. LPDVs are made to deliver a wide range of shot sizes and can be integrated into automated applications.

Typical Fluids Handled

- Adhesives
- Potting compounds
- Encapsulants
- Sealants
- Plastisols
- Lubricants
- Greases

Typical Applications

- Applying drops or beads of adhesive for electronics
- Electrical potting
- Shot dispensing for product assembly
- Syringe filling
- Encapsulation

Technical Specifications

Max. fluid inlet pressure 300 psi (2.1 MPa, 21 bar)
Max. air inlet pressure 100 psi (0.7 MPa, 7 bar)
Min. air inlet pressure 50 psi (0.4 MPa, 4 bar)
Fluid inlet (2) 1/8 npt(f)
Fluid outlet 1/8 npt(f)
Air inlets 10-32 un(f)
Dimensions 3.2 in. L x 2.2 in. W x 1.3 in. D
(81 mm L x 56 mm W x 33 mm D)
Weight 6 oz (0.17 kg)
Mounting (2) 0.23 in. (5.8 mm) diameter thru holes
Wetted parts 300 Series SST, Delrin®, UHMWPE

Delrin® is a registered trademark of Du Pont.

Accessories

104-658 Quick Exhaust Valve
Optimizes no-drip shut-off feature.
Inlet: 10-32 un(f). Outlet: 10-32 un(m).

Ordering Information

692-024 Low Pressure Dispense Valve