

545 2-Part No-Drip Series

Two-component dispense valves

Dual ball and seat, piston actuated material valve



| Valve data | |
|-------------------------------------|--|
| Dry weight* | 3 lbs. (1.4 kg) |
| Maximum inlet fluid pressure | 3,500 PSI (241 bar) |
| Minimum inlet air pressure | 60 PSI (4.2 bar) |
| Operation | Double air operated; air to open, air to close (spring assisted) |
| Material delivery | All 2-component meter-mix dispense systems |
| Viscosity range | Liquid to light paste |

*Standard aluminum body

Application solutions

- All 2-component materials
- Aircraft and aerospace
- Appliance
- Automotive
- Battery
- Construction
- Electronics and electrical
- Filters
- Lighting and LED
- Solar and wind power



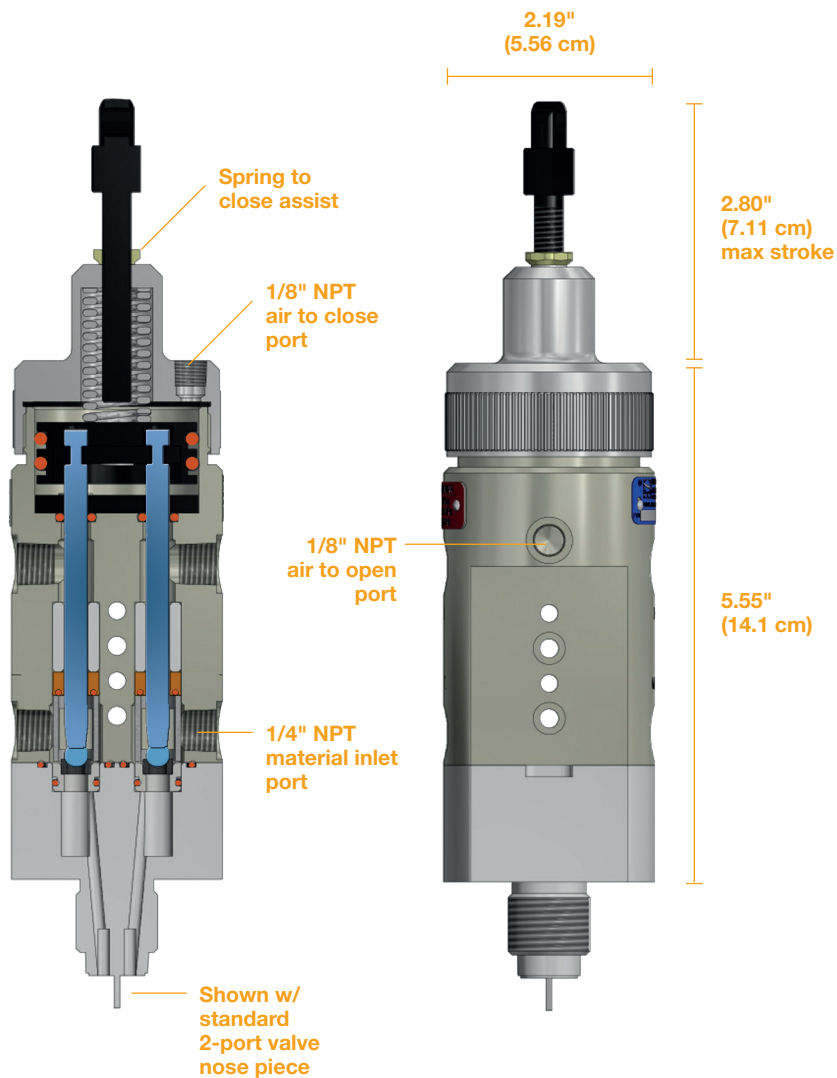
Benefits

- **Longer lifespan**
 - Wear-resistant seals and hardened components
 - Unrestricted internal design allows for the free flow of materials
 - Divorced design separates fluid components from air components
- **Quality dispensing**
 - Adjustable piston stroke allows for flow rate control
 - No-drip feature creates immediate material shut off
- **Exact consistency**
 - Short stroke length produces immediate on/off control of materials being dispensed

Features

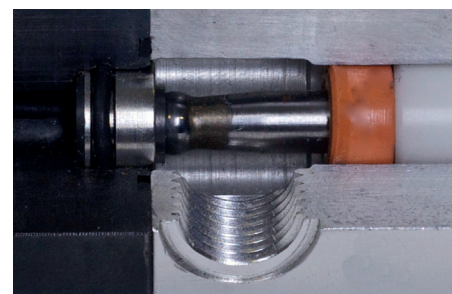
- Uses disposable static mixers
- Adaptable to disposable bayonet style static mixers
- Hardened and ground spools
- Unique design allows for easy maintenance
- Machined face plate with locating holes for dowel pins
- Easy repeatable mounting for automation platforms
- Available in all stainless steel
- Multiple seal configurations are available

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SEALANT EQUIPMENT



| Common 545 Series 2K No-Drip Valves | | | | |
|-------------------------------------|--------------|-----------|---------------|----------------------|
| Valve Type | | Seal Type | Aluminum Body | Stainless Steel Body |
| F 1/4" NPT Inlet | Standard | POLY | 7428702 | 7435864 |
| | 2 Port Nose | UHMW | 7425989 | 7435865 |
| | Wide Ratio | POLY | 7428977 | 7444132 |
| | 3 Port Nose | UHMW | 7443462 | 7429488 |
| | Micro-Shot | POLY | NA | 7444606 |
| | Bayonet Nose | UHMW | NA | 7444607 |

| | | |
|---------------|--------|---|
| Nose Types | 2 Port | For similar visc and ratios < 5:1 (vol) |
| | 3 Port | For dissimilar visc or ratios > 5:1 (vol) |
| | Bay | For volumes < 1.5cc per shot/bead |
| Body Material | AL | Aluminum valve body, steel nose |
| | SS | SS wetted area withstands corrosion |
| Seal Material | POLY | Polymyte seals for abrasive materials |
| | UHMW | UHMW-PE seals for chem. compatibility |



Ball and seat

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Performance by design

Nordson SEALANT EQUIPMENT

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