

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



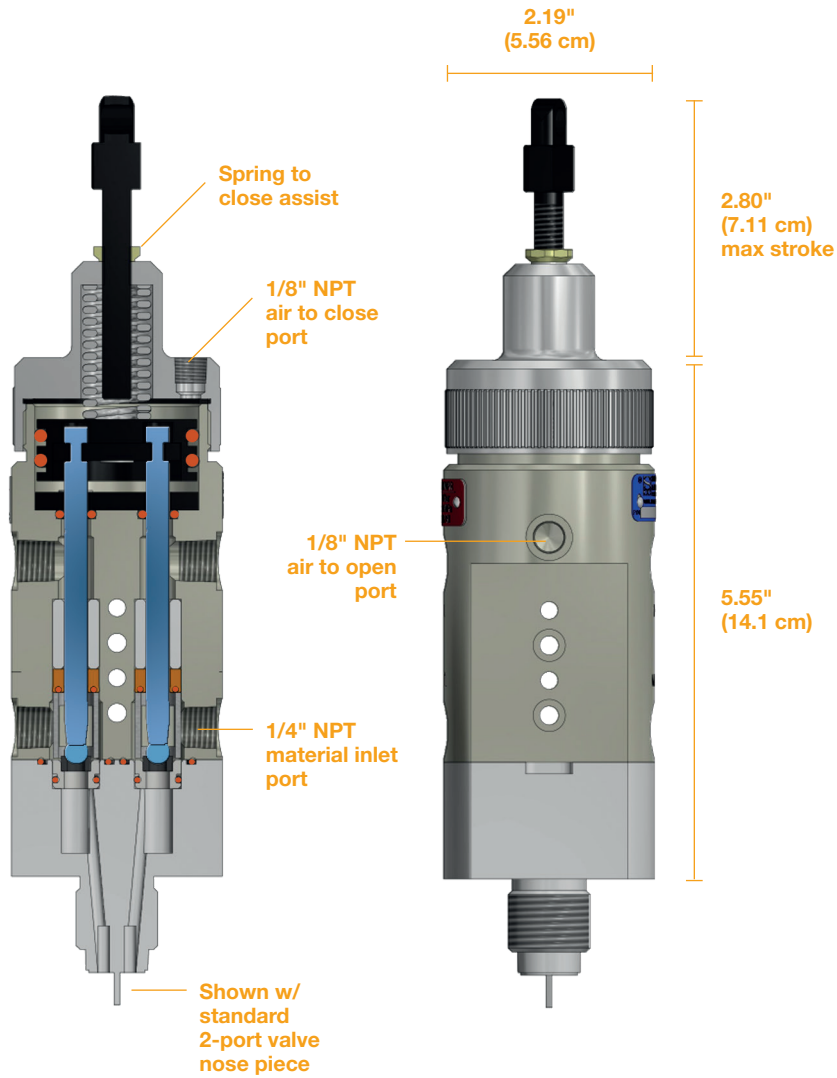
Benefits

- **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

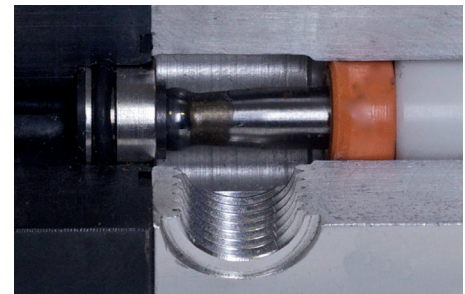
- Uses disposable static mixers
- Adaptable to disposable bayonet style static mixers
- Hardened and ground spools
- Unique design allows for easy maintenance
- Machined face plate with locating holes for dowel pins
- Easy repeatable mounting for automation platforms
- Available in all stainless steel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

**Nordson**
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
		UHMW	7443462	7429488
	Micro-Shot Bayonet Nose	POLY	NA	7444606
		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

© 2019 Nordson Corporation | All Rights Reserved | NSL-19-5965 | Revised 3/19

Nordson expertise is always here when you need it

In highly competitive manufacturing markets, productivity is vital and performance is essential. That's why we apply both to everything we do, whether it's our products, expertise or outstanding customer service. We'll always be there to help maintain the new standards you've set, with expert local service and support delivered through our teams working across the globe.

This unique Nordson approach helps you reach new levels of production, while working more accurately, efficiently and competitively than ever. Precisely why manufacturers who demand quality, can rely on Nordson.

Performance by design

Nordson SEALANT EQUIPMENT

Nordson Sealant Equipment
Wixom, MI, USA

Phone: 1.248.412.7920

Email: SealantSales@nordson.com

[/Nordson_Coating](#) [/SealantEquipment](#)

[/company/nordson-industrial-coating-systems](#)

Find out more at:

www.nordson.com/nse



Nordson
SEALANT EQUIPMENT