

Dispensing Valves

Snuf-Bak™ Valves

Tip-Seal® Valves

Kiss™ Valves

No-Drip® Valves

2-Part (2K/2-Component) Valves

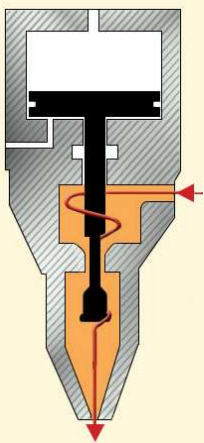
Static and Rotary Dynamic Mixers

Fluid Control Valves, Pressure Regulators

Dispense Nozzles, Valve Accessories



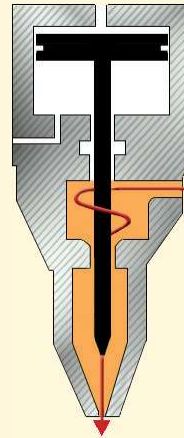
Principles of Valve Design



Snuf-Bak

Ideal for medium to high viscosity, non-level seeking materials and thixotropic or cohesive (stringy) materials for faster shut-off.

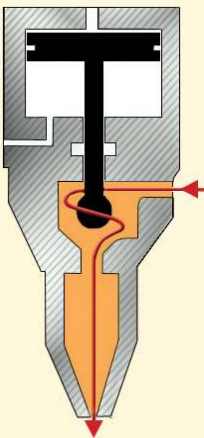
Accepts a wide variety of metal and plastic nozzles for extruding materials.



Tip-Seal

Designed to shut-off material flow of low to high-viscosity materials creating a zero cavity seal at the tip of the nozzle.

A wide variety of tip orifices and tip lengths are available for high speed on-off and precision fluid control applications.

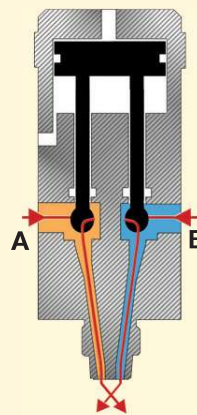


No-Drip

Designed for low-viscosity, pourable materials, abrasive or filled materials and high flow applications. Often used for in-line fluid on/off flow control.

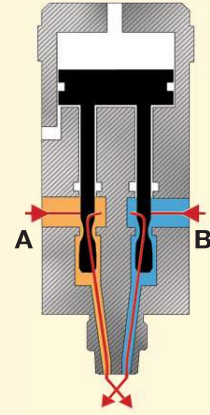
Accepts a wide variety of nozzles for extruding and spraying materials.

2-Part Mix Valve



No-Drip

Ideal for low viscosity 2-part materials.



Snuf-Bak

Best for medium to high viscosity 2-part materials.

Mix at the nozzle applications

Snuf-Bak™ Dispensing Valves



041 Series

- Ideal for 1 mm (0.04 in) - 3 mm (0.12 in) beads
- Compact, easy to mount
- Stainless steel wetted parts

System Specifications (US / Metric)	
Dry Weight	1.55 lbs (0.7 kg)
Maximum Inlet Fluid Pressure	4,000 PSI (275 bar)
Minimum Inlet Air Pressure	60 PSI (4.14 bar)
Operation	Air open/ Air close
Material Delivery	Pump Meter or Tank
Viscosity Range	Viscous liquid to Paste



127 Series

- Ideal for 2 mm (0.08 in) - 5 mm (0.2 in) beads
- Adjustable PTFE packings
- Available in a stainless steel version

System Specifications (US / Metric)	
Dry Weight	1.54 lbs (0.7 kg)
Maximum Inlet Fluid Pressure	3,500 PSI (241 bar)
Minimum Inlet Air Pressure	60 PSI (4.14 bar)
Operation	Air open/ Air close
Material Delivery	Pump Meter or Tank
Viscosity Range	Viscous liquid to Paste



727 Series

- Ideal for 2 mm (0.08 in) - 5 mm (0.2 in) beads
- Available in a square body for robotic mount
- Aluminum wetted parts

System Specifications (US / Metric)	
Dry Weight	1.53 lbs (0.7 kg)
Maximum Inlet Fluid Pressure	4,000 PSI (275 bar)
Minimum Inlet Air Pressure	60 PSI (4.14 bar)
Operation	Air open/ Air close
Material Delivery	Pump Meter or Tank
Viscosity Range	Viscous liquid to Paste



033 Series

- Ideal for beads greater than 3 mm
- Highest volume Snuf-Bak valve
- Designed for automated applications

System Specifications (US / Metric)	
Dry Weight	3.1 lbs (1.4 kg)
Maximum Inlet Fluid Pressure	4,000 PSI (275 bar)
Minimum Inlet Air Pressure	60 PSI (4.14 bar)
Operation	Air open/ Air close
Material Delivery	Pump Meter or Tank
Viscosity Range	Viscous liquid to Paste

Tip-Seal® Dispensing Valves



245 Series

- Ultra compact design
- Tip-length configurable
- 0.06 in - 0.2 in orifice diameter options

System Specifications (US / Metric)

Dry Weight	1.0 lb (0.45 kg)
Maximum Inlet Fluid Pressure	4,000 PSI (275 bar)
Minimum Inlet Air Pressure	60 PSI (4.14 bar)
Operation	Air open/ Air close with spring assist
Material Delivery	Pump Meter or Tank
Viscosity Range	Liquid to Light Paste



1051 Series

- Ideal for higher viscosity materials with high flow rates
- Available in aluminum and stainless steel wetted parts
- Up to a 0.125 in orifice

System Specifications (US / Metric)

Dry Weight	2.75 lbs (1.25 kg)
Maximum Inlet Fluid Pressure	4,000 PSI (275 bar)
Minimum Inlet Air Pressure	60 PSI (4.14 bar)
Operation	Air open/ Air close
Material Delivery	Pump Meter or Tank
Viscosity Range	Liquid to Paste



035 Series

- Designed for robotic mounting
- Ideal for high flow rate and high pressure applications, up to a 0.19 in orifice
- Aluminum wetted parts

System Specifications (US / Metric)

Dry Weight	5.44 lbs (2.5 kg)
Maximum Inlet Fluid Pressure	4,000 PSI (275 bar)
Minimum Inlet Air Pressure	60 PSI (4.14 bar)
Operation	Air open/ Air close
Material Delivery	Pump Meter or Tank
Viscosity Range	Liquid to Paste

For more information about Nordson Sealant Equipment's complete line of dispensing solutions, contact us at:

ics.eu@nordson.com

www.nordson.com/nse



No-Drip® Dispensing Valves



108 Series

- Adjustable PTFE packings
- Designed for a wide range of chemical properties
- Available in a spring-assisted close version

System Specifications (US / Metric)

Dry Weight	1.46 lbs (0.66 kg)
Maximum Inlet Fluid Pressure	3,500 PSI (241 bar)
Minimum Inlet Air Pressure	60 PSI (4.14 bar)
Operation	Air open/ Air close
Material Delivery	Pump Meter or Tank
Viscosity Range	Liquid to Paste



1021 Series

- Manual ball and seat design
- Ergonomic pistol grip handle
- Stainless steel and carbide construction

System Specifications (US / Metric)

Dry Weight	1.42 lbs (0.64 kg)
Maximum Inlet Fluid Pressure	6,000 PSI (413 bar)
Minimum Inlet Air Pressure	NA
Operation	Manual open/ Manual close
Material Delivery	Pump Meter or Tank
Viscosity Range	Liquid to Paste



- Dynamic seal design for ease of maintenance
- Available in a spring-assisted close version
- Designed for a wide range of chemical properties

System Specifications (US / Metric)

Dry Weight	1.45 lbs (0.66 kg)
Maximum Inlet Fluid Pressure	4,000 PSI (275 bar)
Minimum Inlet Air Pressure	60 PSI (4.14 bar)
Operation	Air open/ Air close
Material Delivery	Pump or Tank
Viscosity Range	Liquid to Paste

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2-Part Dispensing Valves



250 Series

- Adaptable to 7/8-9 or 7/8-14 type shrouds
- Available in all stainless steel parts
- Multiple seal configurations are available

System Specifications (US / Metric)	
Dry Weight	3 lbs (1.4 kg)
Maximum Inlet Fluid Pressure	3,500 PSI (241 bar)
Minimum Inlet Air Pressure	60 PSI (4.14 bar)
Operation	Air open/ Air close
Material Delivery	All 2-Part meter, mix & dispense systems
Viscosity Range	Viscous Liquid to Paste



545 Series

- Designed for low-viscosity, pourable materials and high flow applications
- Adaptable to 7/8-9 or 7/8-14 type shrouds
- Available in a bayonette mixer version

System Specifications (US / Metric)	
Dry Weight	3 lbs. (1.4 kg)
Maximum Inlet Fluid Pressure	3,500 PSI (241 bar)
Minimum Inlet Air Pressure	60 PSI (4.14 bar)
Operation	Air open/ Air close with spring assist
Material Delivery	All 2-Part meter, mix, & dispense systems
Viscosity Range	Liquid to Light Paste



482 Series Power Mixer

- Ideal solution for dynamic mixing of 2-part (2K/2-component) materials
- Available in a servo-motor version
- Independent control valves to reduce or eliminate lead-lag dispensing issues

System Specifications (US / Metric)	
Dry Weight	12 lbs (5.5 kg)
Maximum Inlet Fluid Pressure	1900 PSI (131 bar)
Minimum Inlet Air Pressure	60 PSI (4.14 bar)
Operation	Independent Air open/ Air close with spring assist
Material Delivery	All 2-Part meter, mix & dispense systems
Viscosity Range	Liquid to Paste



093 Series

- Ultra compact design
- Independently controlled fluid paths
- All stainless steel parts

System Specifications (US / Metric)	
Dry Weight	1.4 lbs (0.7 kg)
Maximum Inlet Fluid Pressure	3,500 PSI (241 bar)
Minimum Inlet Air Pressure	60 PSI (4.14 bar)
Operation	Air open/ Air close
Material Delivery	All Micro 2-Part meter, mix & dispense systems
Viscosity Range	Liquid to Light Paste