

# Foam-in-Place Valve

Two-component foam mixing and control



## Control two-component foam materials at point of dispense with no drool, pressure spikes or mixing irregularities

### Benefits

- **Controlled cut-off**
  - Tip-seal valve at point of dispense completely shuts off material flow, preventing expanding foam from leaking
- **Independent component control**
  - A- and B-side material control valves open and close independently of each other and dispense valve
  - Adjustable to fine-tune lead-lag issues between A and B materials
- **Contained disposable mixer**
  - Mixer is supported within mixer shroud, securing mixer at medium to low pressures
  - Disposable mixer provides incredibly fast cleaning and no need for solvents

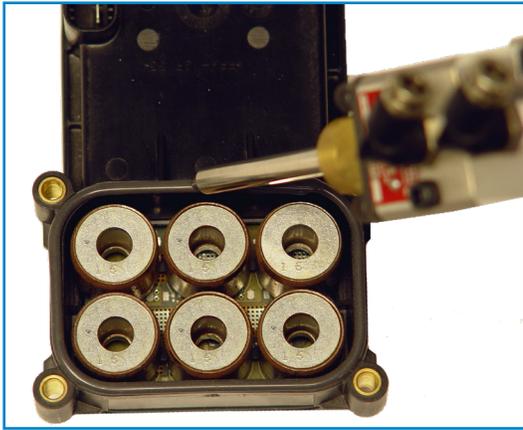
### Markets

- Aerospace
- EV Battery
- Storage Battery
- Filters
- Automotive Lighting
- General Industry
- Lighting

### Applications

- Foam-in-place gaskets
- Foam dam
- Foam encapsulating weight-sensitive parts





Gasket application around electronic module before cover installation.

Valve Details	
Material pressure	300 - 3,500 psi
Operation	Individual valve control Double-air-operated
Minimum air	80 psi
Viscosity range	0 - 300,000 cps
Flow rate*	0.1 - 4 cc/sec before expansion

\* Mixer size dependent



Homogenous mixed material for foam bonding applications.

© 2020 Nordson Corporation | All Rights Reserved | NSL-20-6143 | Issued 3/20

## 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](http://www.nordson.com/nse)



**Nordson**  
SEALANT EQUIPMENT