Single tapered stem and seat, air actuated material valve

Valve data

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dry weight*</td>
<td>1 lbs. (0.5 kg)</td>
</tr>
<tr>
<td>Maximum inlet fluid pressure</td>
<td>4,000 PSI (275 bar)</td>
</tr>
<tr>
<td>Minimum inlet air pressure</td>
<td>60 PSI (4.2 bar)</td>
</tr>
<tr>
<td>Operation</td>
<td>Double air operated; air to open, air to close (spring assisted)</td>
</tr>
<tr>
<td>Material delivery</td>
<td>All 1-component dispense systems</td>
</tr>
<tr>
<td>Viscosity range</td>
<td>Liquid to paste</td>
</tr>
</tbody>
</table>

Note: * Standard aluminum body

Application solutions

- 1-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
  - Tip-seal feature creates immediate material shut off
- Exact consistency
  - Zero cavity shut off prevents material air exposure

Features

- 0.06” (0.15 cm) to 0.2” (0.5 cm) dispense tip orifice
- Zero cavity shut off
- Various extension lengths and orifices available
- Hardened and ground tapered stem
- Unique design allows for easy maintenance
- Locating holes for dowel pin mounting
- Easy repeatable mounting for automation platforms
- Available with stainless steel wetted components
- Multiple seal configurations are available
- Compact and lightweight design

245 1-Part Tip-Seal Kiss Series
One-component dispense valves

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Nordson
SEALANT EQUIPMENT
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.

Frequently used models**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7425690</td>
<td>Aluminum body short nose piece with stroke bolt</td>
</tr>
<tr>
<td>7425340</td>
<td>Aluminum body long nose piece with stroke bolt</td>
</tr>
<tr>
<td>7426416</td>
<td>Stainless steel valve with long nose piece with stroke bolt</td>
</tr>
</tbody>
</table>

* Consult your Nordson representative with application specifics for accurate valve capabilities.
+ Many additional models and options are available.

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Performance by design