

# AltaSpray™ -c

Applicators

## Enhanced production flexibility and reduced inventory and maintenance



AltaSpray-c applicators provide the flexibility and performance capabilities of a single-platform, hot melt adhesive dispensing design. The applicators' streamlined, economical configuration minimizes the initial investment and ongoing cost of ownership. Simplified system connectivity and fewer cabling requirements optimize the applicator's use with AltaBlue™ series adhesive melters.

AltaSpray-c applicators feature Universal® modules that accept a range of Universal nozzles including but not limited to Universal CF, Summit™, Rhythm™ Construction and Signature® nozzles for continuous dispensing applications. Interchangeable nozzles increase manufacturing efficiency and improve product performance.

Integrated spray process air heating within AltaSpray-c applicators uses a thin-film flow design that enhances heating efficiency to produce consistent spray patterns while reducing power consumption. The applicators' ability to rebuild all components increases service life, while reducing the cost of ownership.

### Features

- Compatibility with popular Universal nozzles
- Patented angled manifold surface
- Uniform thermal profile and advanced hydraulic features
- AirGuard™ feature
- Parts commonality
- Optional insulating jackets

### Benefits

- Optimized bonding to enhance strength and performance, thus offering breathable and soft-to-touch products
- Reduced air turbulence resulting in an improved spray pattern stability, and web-routing options
- Superior product performance, increased efficiency, and output uniformity
- Prevents contamination of process air ports
- Reduced inventory costs, and facilitates service
- Reduced energy costs and enhances safety

## Specifications

|                                     |  |
|-------------------------------------|--|
| Module compatibility                | Universal UM25   |
| Operating temperature               | 70° to 191° C (160° to 375° F)   |
| Working hydraulic pressure          | 13.8 to 55.2 bar (200 to 800 psi)  |
| Maximum hydraulic pressure          | 89.6 bar (1300 psi)  |
| Maximum hydraulic flow (per module) | 110 grams per minute at 10,000 centipoise,<br>21 grams per square meter at 200 m/min |
| Actuation air pressure <sup>1</sup> | 4.1 bar (60 psi) recommended   |
| Maximum process air flow            | 1.2 scfm @ 191° C (375° F),<br>1.5 scfm @ 177° C (350° F)                            |

<sup>1</sup> Oil-free air must be used.



*The patented angled manifold surface for the AltaSpray-c applicators offers reduced air turbulence; thus, improving spray pattern stability, and web-routing options.*

**For more information, speak with your Nordson representative or contact your Nordson regional office.**

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