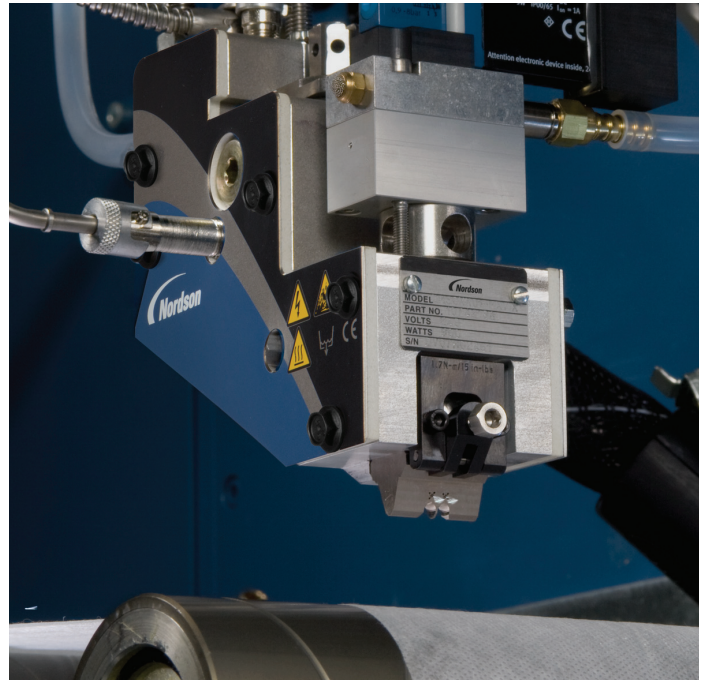


# Universal™ Speed-Coat® Applicators

Enhance pattern precision in demanding, high-speed intermittent applications.



*Universal Speed-Coat applicator and SureWrap nozzle*

Universal Speed-Coat applicators:

- Handle demanding high-speed intermittent production
- Enhance pattern performance with improved thermal uniformity
- Improve cutoff of leading and trailing edges
- Improve serviceability and minimize cost of downtime
- Minimize cost of ownership

Universal Speed-Coat applicators include an integrated high-speed module for critical pattern requirements in high-speed intermittent applications. The patented Universal nozzle clamping mechanism provides compatibility with numerous spraying and coating technologies, including CF®, Summit™, SureWrap™, and Control Coat® spray nozzles; and MiniBead and Saturn® bead nozzles.

The built-in module improves thermal uniformity of nozzle temperature and correlation with application setpoint temperature for consistent patterns. An integrated process air heater uses a thin-film flow design that also enhances heating efficiency and reduces power consumption. The

high-speed, long-life module maximizes intermittent performance with cycle rates up to 9,000 cycles per minute, depending on the application.

A retract-on-close feature produces sharp cutoff of leading and trailing pattern edges. Compatibility with the Nordson OptiStroke™ needle stroke detection system reduces product waste and confirms dispensing performance. The compact, angled manifold reduces air turbulence common in high-speed operations, improving pattern stability and web-routing options.

Quick-change sensors, filters and heaters improve serviceability and minimize production downtime, and common fasteners reduce the need for tools. Common parts reduce inventory requirements, and the rebuildable module increases service life and reduces cost of ownership. Individual kits are available for on-site seal replacement and major sub-component rebuilding. Nordson also offers economical factory-quality rebuild services through the ESP™ Equipment Services Program.



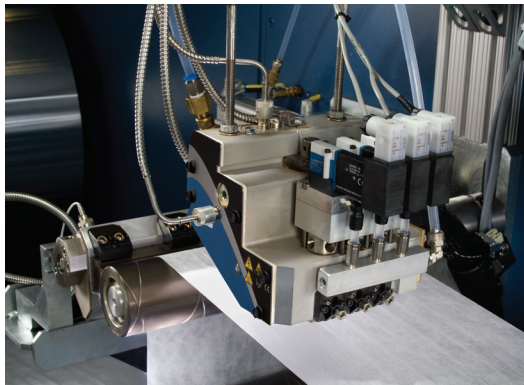
# Universal™ Speed-Coat® Applicators

## Specifications

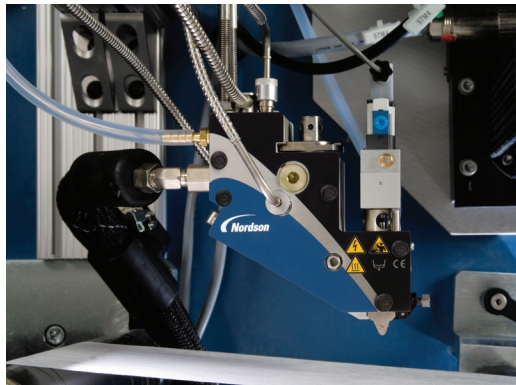
Nozzle Compatibility	Universal nozzles and adapters
Operating Temperature	70° to 191° C (160° to 375° F)
Working Hydraulic Pressure	13.8 to 55.2 bar (200 to 800 psi)
Maximum Hydraulic Pressure	89.6 bar (1300 psi)
Maximum Hydraulic Flow (per module)	110 grams per minute at 10,000 centipoise, 14 grams per square meter at 300 m/min
Actuation Air Pressure <sup>1</sup>	5 to 6 bar (73 to 88 psi) recommended
Cycle Rate <sup>2</sup>	Up to 9,000 cycles per minute or 6 milliseconds for on/off cycle
Maximum Process Air Flow (per 25 mm pattern)	1.0 scfm @ 191° C (375° F), 1.5 scfm @ 177° C (350° F)
Solenoid Voltage	23.5 to 28 VDC
Solenoid Power Consumption	5 watts
Solenoid Connection	Quick-disconnect with strain relief and LED indicator
Solenoid Air Consumption	21 liters/min (0.75 cubic feet/min) @ 3000 cycles/min, 63 liters/min (2.25 cubic feet/min) @ 9000 cycles/min

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

<sup>2</sup> Maximum number of cycles depends on operating and control air pressures, and adhesive viscosity.



Close-coupled integral solenoid valve provides dependable performance and long life.



Compact, angled manifold reduces air turbulence, improving pattern stability and web routing.



Cordset with integral heater and sensor is easily serviced. Air heating insert is compact and efficient.

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

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**Nordson**

NWL-11-5708  
Reissued 10/11  
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