

Universal™ Applicators

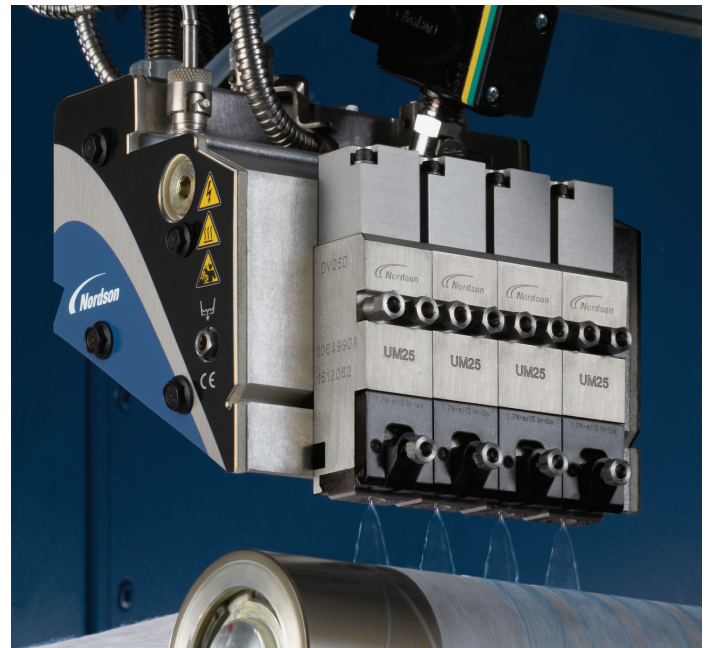
Enhance production flexibility and reduce inventory and maintenance costs.

Universal applicators:

- Accommodate numerous spraying and coating technologies
- Minimize cost of ownership
- Simplify service with less downtime

Single-platform Universal applicators advance production flexibility by accepting numerous spraying and coating technologies. Manufacturers can choose from a wide range of modules and nozzles to meet production requirements, enhance capabilities and improve product performance.

The angled manifold reduces air turbulence common in high-speed operations, improving pattern stability and web-routing options. An integrated air heater uses a thin-film flow design that enhances heating efficiency to produce consistent spray patterns, while reducing power consumption.



Universal applicator with UM25 modules and Universal CF® nozzles

Uniform thermal profile and advanced hydraulic features deliver superior product performance and increased efficiency. Common parts minimize inventory and speed product changeovers.

The fully configurable design supports delivery within two weeks on most orders. Cordsets with integral heaters and sensors facilitate service, and common fasteners require only a single tool. AirGuard™ separator protects the air chamber from adhesive contamination when changing modules. The ability to rebuild all components increases service life and reduces cost of ownership.

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Specifications

Module Compatibility	All Universal and CF®200 modules
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 ¹	4.1 bar (60 psi) recommended
Control Voltage	24 VDC
Maximum Process Air Flow (per 25 mm pattern)	1.0 scfm @ 191° C (375° F), 1.5 scfm @ 177° C (350° F)

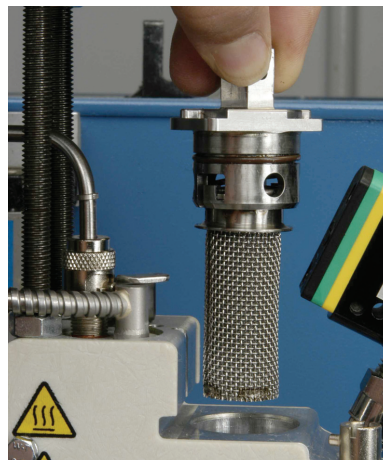
¹ Oil-free air must be used.



Wide Universal UM50 modules for continuous applications require fewer modules, and Universal Signature™ nozzles dispense farther from webs.



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



Quick-change sensors, filters, solenoids and heaters minimize production downtime.

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

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