



Precision Adhesive Dispensing for the Hygiene and Medical Disposable Industry

Improve product quality and production efficiency

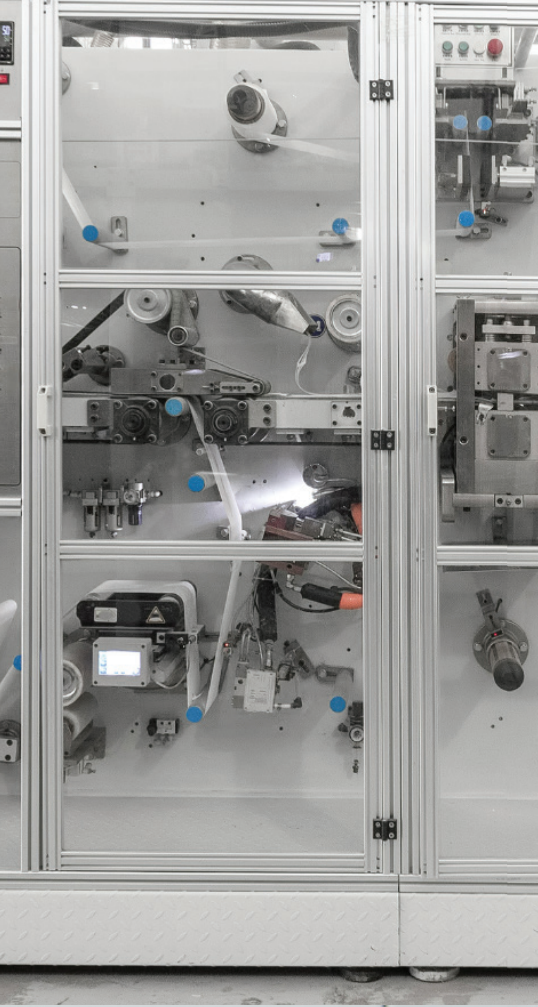
Precision, Flexibility & Efficiency

At Nordson, we design innovative solutions for precise and demanding adhesive applications for medical and hygiene disposable production.

Nordson adhesive systems meet a broad range of accurate and high-performance manufacturing requirements, improving production efficiency and product quality for baby diapers, feminine care and adult incontinence products, surgery pads, band-aid® production, surgical drapes, textile backsheets and similar products. Nordson application systems precisely deliver a wide variety of materials such as hot melt adhesives, lotions, perfumes and specialty materials, such as wetness indicators.

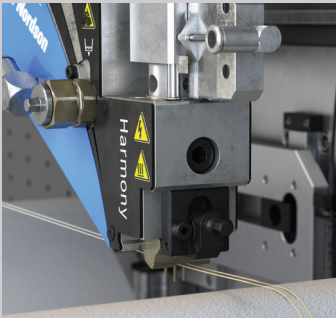
Multi-elastic strand applications ? Check.
Cuff Attachment and Tackdown? Done.
Side and End Seal application? No problem.
Core Fixation? Let's do it.
You name the application, we'll help you find the solution.





Best in class – Technology ■ Support ■ Value

Individual Strand- Elastic Coating



Nordson Allegro™ nozzles efficiently apply adhesive to single or multiple elastic strands using novel air-assisted contact coating technology to wrap adhesive completely around the strands. Allegro nozzles provide:

- Optimal adhesive placement uniformly from strand to strand
- Support of high-density elastic configurations, elastics as close as 2 mm
- Exemplary performance even at high-speed production
- Excellent creep resistance

Random Pattern Spray



Nordson's continuous or intermittent Signature® nozzles produce random patterns to improve product quality and enhance appearance and hand. Signature nozzles deliver:

- Uniform coverage for consistent bonding
- Tight edge control for close edge coverage
- Clog resistance

Contact Slot

Ear Fixation
Hook & Loop

Elastic Strand Coating

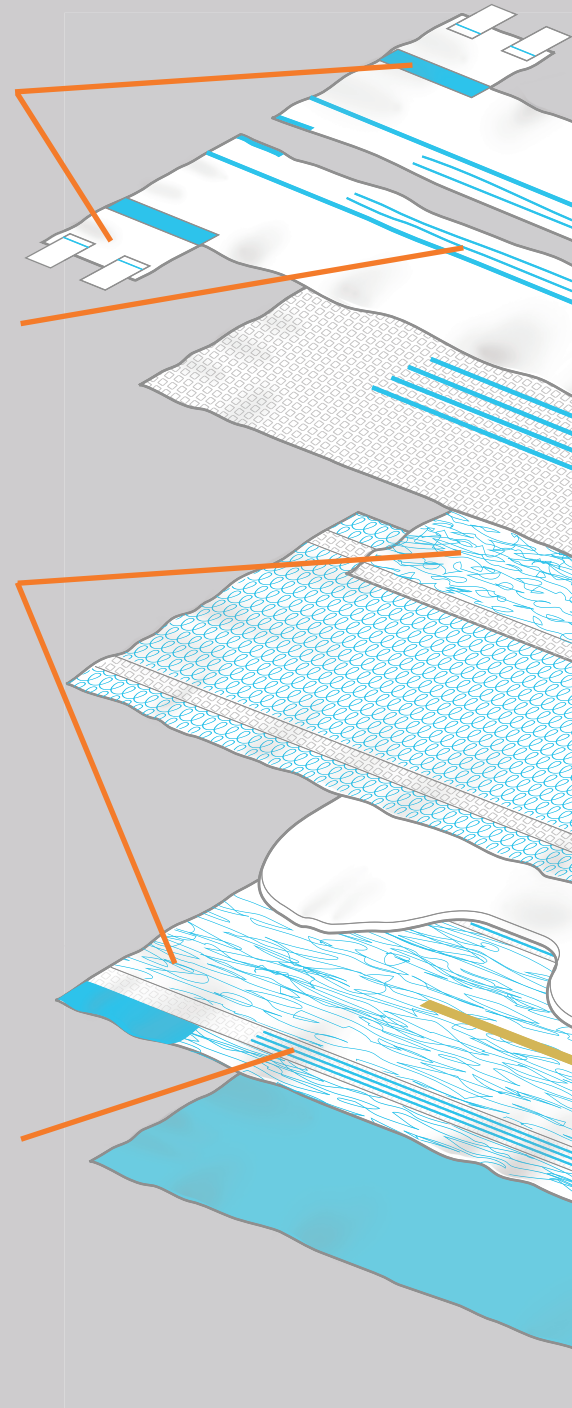
Cuff Elastic

Random Pattern Spray

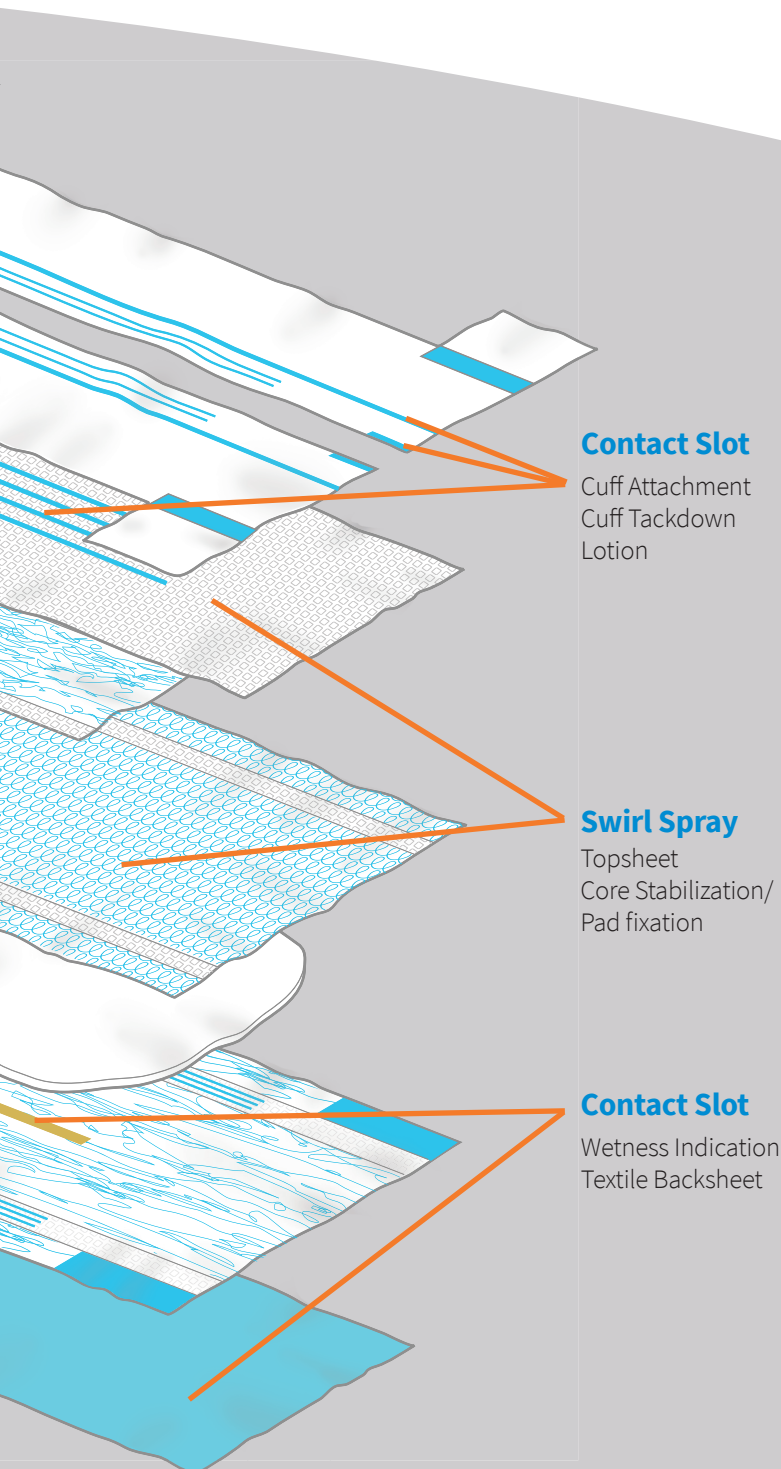
Aquisition Layer
Backsheet

Elastic Strand Coating

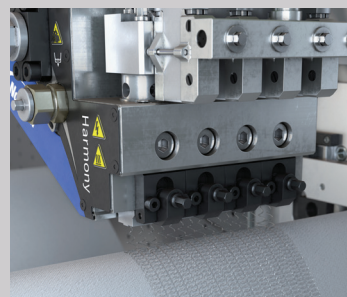
Leg Elastic



Nordson's technology meets and exceeds the demand of high-performance medical and hygiene disposable product manufacturing. Our adhesive dispensing systems increase productivity, improve product quality, and generate efficiency while being sustainable.



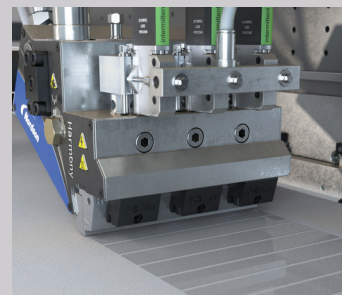
Swirl Spray



Consistently produce large or mini swirls with Nordson's CF® or Summit™ nozzles. These swirl technologies produce:

- High bond strengths at low add-on rates
- Flexible design and pattern stability
- Adhesive savings

Contact Slot



Choose from Nordson's Harmony® applicators for continuous or intermittent slot coating. This slot coating applicators provide:

- Consistent pattern accuracy
- Excellent edge control
- Sharp cutoff
- Quick-change components for easy maintenance

Our Products

Nordson application systems realize a broad range of applications. Cost and production efficiency can be improved with Nordson technology. Below is a selection of our products well suited for the nonwovens industry.

Melt and connect with VersaBlue® NxGn Melters

Nordson VersaBlue NxGn series melters are designed for precise, demanding hot melt adhesive applications. Tank capacities of 12, 25, 50, and 100 liters accommodate up to four precision gear metering pumps with variable speed AC motors to satisfy a wide range of manufacturing requirements. The adhesive is delivered to the point of application via PureFlow™ hoses, which are proven to reduce adhesive stress and degradation that can result in char, discoloration, and odor.



Ensure product quality with PureFlow™ Hoses

PureFlow hoses reduce the effects of adhesive and fluid degradation, such as charring, curing, discoloration and odor. PureFlow hoses have a substantially longer product life cycle due to their unique ability to keep fluid pure and the interior of the hose clean. Aramid insulation inside the hose maintains a consistent temperature, improving thermal efficiency and adhesive flow.



Expand production capabilities with GP200 Remote Metering Station

Increase application delivery points of existing melters with metered add-on precision. GP200 remote metering stations provide an economical alternative to purchasing an additional melter, converting from non-metered delivery, or adding application points. Improve pattern consistency and quality with metered adhesive delivery to control pressure drops that can cause hammerheads, inconsistent add-on rates per product, and burn-through on heat-sensitive substrates.



Precise dispensing with Nordson Applicators

Our innovative Harmony® applicators provide customers with exceptional performance, flexibility, serviceability and cost of ownership.

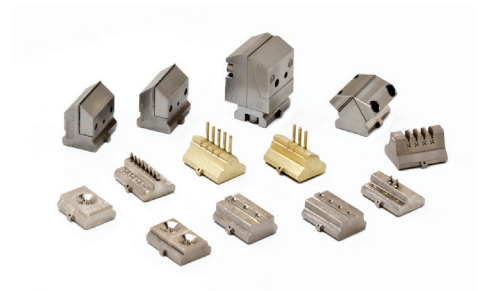
Nordson dispensing applicators can sustain consistent adhesive patterns while keeping up with high production speeds in challenging applications such as manufacturing baby diapers and pants, feminine napkins and liners, and adult incontinence briefs.

These applicators are compatible with Nordson's industry-leading portfolio of high-performance contact slot and non-contact spray nozzles.



Flexibility through our Universal™ nozzles

Nordson offers a wide range of quick-exchange hot melt slot and spray nozzles, such as Allegro®, Universal™ Signature™ or Universal™ Summit™, to deliver whatever adhesive patterns are required for specific applications. Hot melt nozzles are easily changeable and provide production flexibility. Our adhesive nozzles are made with quality craftsmanship to provide precise, reliable adhesive delivery and placement. Equip your production line with reliable hot melt adhesive nozzles that increase product quality and productivity.



Our Promise

Nordson Adhesive delivers precision dispensing technology to diverse markets to help manufacturers reduce material consumption, increase production efficiency, and enhance product strength and durability.



Value Innovation

Nordson consistently creates customer value with innovative products, new technology and customer-driven projects.



Global

With global manufacturing, sales and service operation, Nordson is adept at supporting and collaborating with customers worldwide.



Business Scale

Nordson has extensive capabilities to deliver on customer promises.



Direct

Nordson Adhesive Systems has direct offices in over 30 countries with local application experts nearby to help.



Worldwide Service and Support

Nordson helps protect your investment with exceptional people, programs and service to keep your equipment in peak operating condition. For your satisfaction, Nordson solutions are backed by a Package of Values® that includes:

- Locally-available service network
- Global service and distribution centers
- Repair and exchange programs

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

United States

Duluth, Georgia
(800) 683-2314 **Phone**
(866) 667-3329 **Fax**

Canada

Markham, Ontario
(800) 463-3200 **Phone**
(905) 475-8821 **Fax**

Europe

Lueneburg, Germany
(49) 4131-894-0 **Phone**
(49) 4131-894149 **Fax**

Japan

Tokyo, Japan
(81) 3-5762-2700 **Phone**
(81) 3-5762-2701 **Fax**

Asia/Australia/Latin America

Amherst, Ohio
(440) 985-4797 **Phone**
(440) 985-1096 **Fax**



Lilienthalstr. 6
21337 Lüneburg

(49) 4131 894-0
nordsonadhesive.com

