



# Nordson BetterBook™ Solutions

Perfect binding adhesive systems for books that lie flatter, last longer and look better.

# Your end-to-end bookbinding solution

From large batches to a single Book-on-Demand, Nordson is your end-to-end bookbinding solution.

Nordson® BetterBook binding solutions provide you with the best adhesive systems to produce consistent, high-quality perfect bound books. With more than 50 years of adhesive application experience, Nordson has a full range of products to meet your specific paper stock and adhesive bonding requirements for spine and side gluing applications.

Nordson bookbinding systems:

- **Provide consistent, reliable performance** with precise dispensing and clean cutoff.
- **Increase productivity** by reducing cleanup and shortening startup/shutdown times.
- **Deliver production flexibility** by being easily adjusted for changeovers and integrating into existing production lines.
- **Help lower production costs** by reducing waste and adhesive usage.

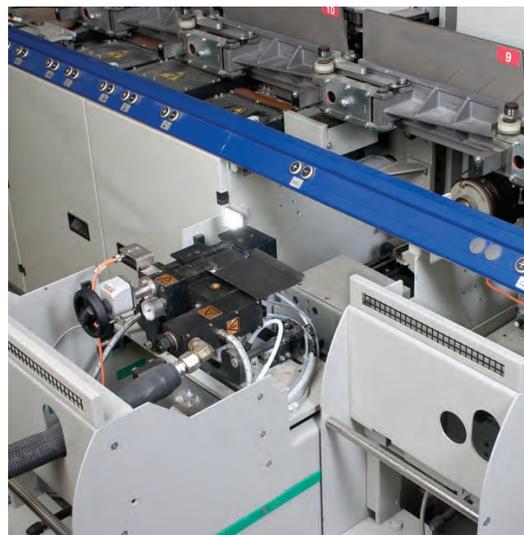


# Application Expertise

## Spine Gluing

Nordson specializes in the use of polyurethane (PUR) adhesives for spine gluing applications. With systems to both dispense and verify adhesive patterns, Nordson helps you achieve a consistent adhesive bond even on difficult to bond cross-grain, aqueous or UV-coated papers, as well as on digital printed papers used in Xerox® iGen™ or HP® Indigo® printers.

Nordson slot nozzle technology delivers precision application using positive pressure and clean cutoff for consistent, reproducible spine coating thickness. The closed system helps reduce the daily cleanup, decrease the adhesive waste and shorten the startup/shutdown times associated with traditional open pot systems. As such, it is ideally suited for use in digital printing environments.



### Spine Gluing Advantages:

- Full control over the adhesive operation assures excellent book quality.
- Unique sniffback technology provides precise cutoff.
- Thinner, more consistent PUR layer reduces cost and provides excellent lay-flat characteristics.
- Accurate, repeatable performance.

## Side Gluing

Special patented nozzles deliver precise adhesive placement and uniform film size to side gluing applications. This allows the flexibility to bind difficult materials and produce all PUR perfect bound books. EVA side gluing is also available for faster setting.

### Side Gluing Advantages:

- Precise adhesive placement virtually eliminates contamination in the binder and three-knife trimmer.
- Improve bond strength with accurate application control.
- Apply PUR, EVA or pressure sensitive adhesives.
- Eliminate visible glue lines, particularly for thin covers, with contact application.
- Integrated bracket with readout for book widths up to 60mm.





## Book-On-Demand (BOD) Printing

Book-On-Demand is one of the biggest revolutions in book printing, allowing convenient and affordable prints of single or small quantities. Nordson's Book-On-Demands solutions are suitable for spine and/or side PUR adhesive application, resulting in faster, more flexible and more economical book production.

### Benefits of Nordson's Book-On-Demand solution:

- Supports true Books-on-Demand
  - Single book production
  - Application width 0 to 60 mm
- Use in-line or off-line
- Install on a new line or as a retrofit
- Has automatic set-up capability
- Improved maintenance features



## Commercial/Large Binder Printing

Nordson specializes in commercial and large printing operations, adding providing consistency and cost savings to your process. Commercial and industrial printing involves a wide array of substrates. Resolution and image quality, both of which are related to spot size, are also application dependent. High end applications such as display printing and pre-press proofing demand precisely positioned, small spots of very consistent dimensions. Nordson offers solutions to these complex, large printing operations.



# Our Products

Nordson's bookbinding product portfolio includes specialized products that can be combined to create a bookbinding system that fully meets your production needs while delivering the best performance. Cost and production efficiencies can be realized with Nordson PUR technology solutions. Below is a selection of our newest products well suited for the bookbinding industry.

## VersaPUR® Slug Bulk Melter

VersaPUR melters efficiently process polyurethane (PUR) hot melt adhesives with an easy-to-use, easy-to-clean design to simplify operation and maintenance.



## EP48 Pro Applicator

The EP 48 PRO applicator delivers accurate, consistent hot melt adhesive application to book spines. Precise control of adhesive application allows use of only the amount of adhesive necessary for the optimum bond without the need for over application.



## LogiComm® Integrated Pattern Control and Verification System

Modular pattern control and verification systems provide a building block approach to integrating control and verification capabilities as needed.



## Saturn® Nozzles

Saturn nozzles feature color-coded rings that indicate the orifice and engagement, allowing you to select the correct replacement nozzle every time.



## DuraPail® and DuraDrum® Bulk Melters

DuraPail and DuraDrum bulk melters deliver simple, low-maintenance application of hot melt adhesives, sealants and butyls. Modular, non-stick platens, available for 20-liter (5-gal) pails, melt adhesive on top surface of pail only, reducing thermal stress and protecting bonding characteristics.



### MiniBlue® II Applicator

MiniBlue II hot melt glue applicator and adhesive dispenser provide the longest service life of any pneumatic gun in the packaging industry. You will reduce maintenance, downtime, and replacement parts costs with MiniBlue II applicators.



### ProBlue® Flex Melter with BBconn Controls

The ProBlue Flex melter from Nordson is advanced technology that adapts to any operation with ease and simplicity. Depending on your unique circumstances, you can choose from factory options direct from Nordson, or smart and simple field upgrades, supported by Nordson’s seasoned technical support representatives.



### PureFlow™ Hoses

Innovative technology drastically reduces adhesive degradation and associated downtime.



# 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<sup>®</sup> that includes:

- Locally-available service network
- TrueBlue™ service & preventive maintenance plans
- Global service and distribution centers
- Repair and exchange programs

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

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