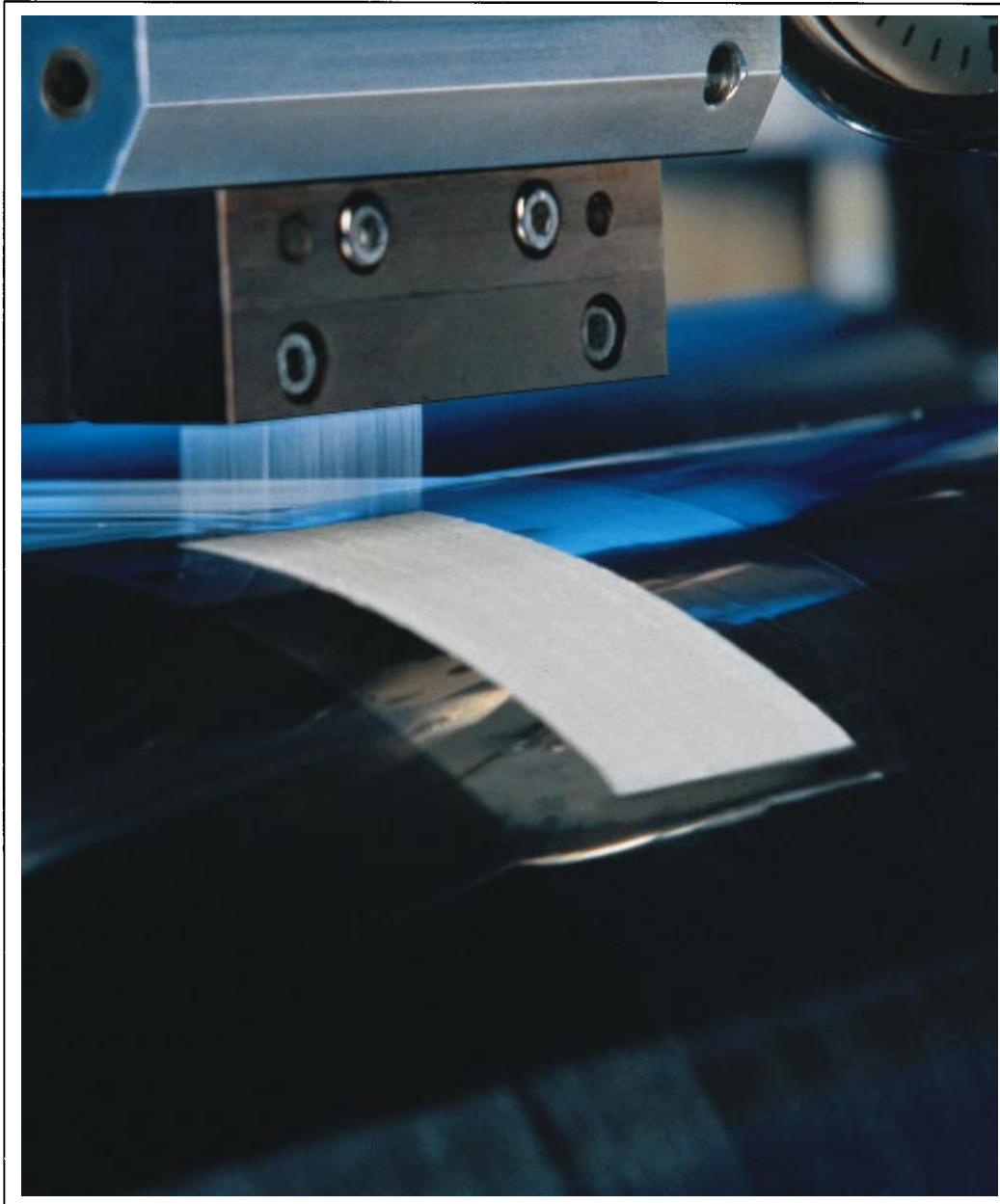


THE CONTROL COAT[®] SYSTEM

Precise non-contact adhesive dispensing
for disposable products manufacture.



Evolutionary dispensing technology optimizes hot melt coating.

The Nordson Control Coat® System ensures precise fiber location with maximum pattern flexibility and delivers fibrous coatings of a uniform density. This unique non-contact method offers precise adhesive dispensing for excellent edge control, uniform pattern width and superior adhesive cut-on and cut-off for disposable products manufacture.

The Control Coat System uses low-volume, high-velocity, heated pattern air, and controls adhesive pattern width. As the hot melt is extruded through the slot opening, heated air impinges on the adhesive from two sides.

This stretches and shreds the adhesive into very fine fibers which are precisely deposited on the substrate.



Precision and control improves product quality.

The Control Coat System eliminates troublesome overspray, optimizes edge definition and maintains small fiber size. Timed control of the heated air and adhesive provides rapid on and off pattern control, while delivering accurate fiber placement on designated areas of the product.

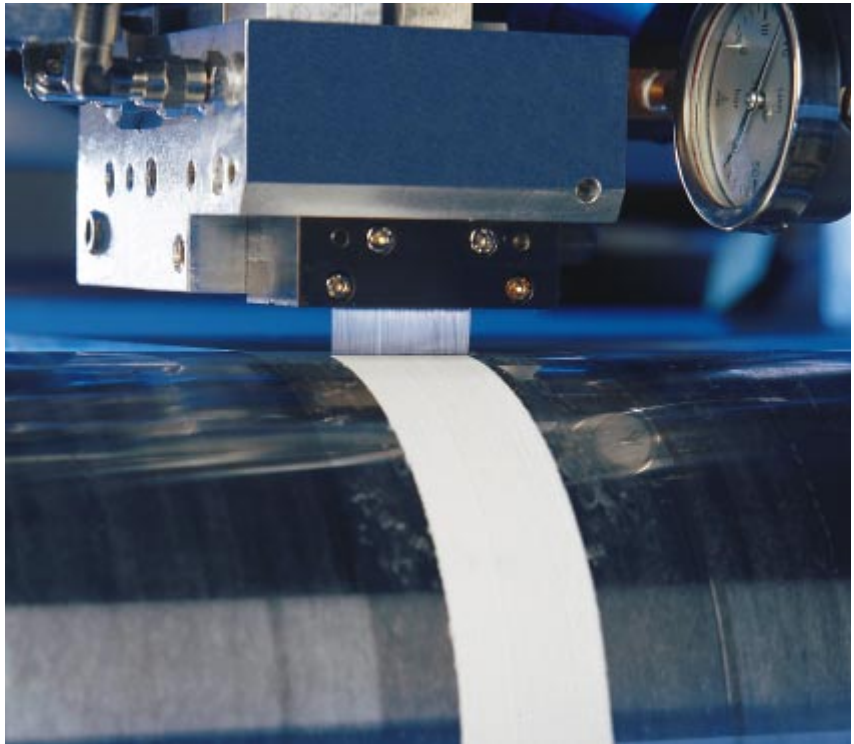
The system's air distribution method reduces web disruption and allows uniform adhesive

coverage even on porous or irregular substrates.

And with the non-contact method, heat-sensitive materials are not subject to distortion. The design also eliminates the large number of small nozzles required for melt-blown technology, thereby minimizing downtime, even in fluff-filled environments.

Control Coat technology offers multiple benefits.

- Precise control of adhesive patterns ensures fiber placement in the designated area and maximizes pattern flexibility and changeover capability.
- Passage design directs air flow, reducing web disruption and allowing uniform coverage even on porous or irregular substrates.
- Non-contact delivery allows the use of a wide variety of substrates, including heat-sensitive substrates, which can help improve product quality while reducing raw material costs.



This new technology permits a non-contact, uniform coating using economical pressure-sensitive hot melts resulting in the maximum bond strength and minimum adhesive usage.

Non-contact approach increases production capabilities.

Control Coat technology is ideal for numerous applications that involve high-speed, intermittent or continuous web processes.

Diaper Production

- Produce a thinner pad without affecting absorbency.
- Bond elastic waistband.
- Coat frontal tape in-line.

Sanitary Napkin Production

- Bond the pad to the poly liner.
- Bond or stabilize internal pad.
- Anchor superabsorbent materials.

Specifications

Operating Temperature	150° to 450°F (65° to 230°C)
Spray Air Temperature	150° to 400°F (65° to 200°C)
Spray Air Pressure¹	7 to 22 psi (0.05 to 0.15 MPa) 1500 psi (10.34 MPa) maximum
Hydraulic Operating Pressure¹	140 to 440 psi (0.97 to 3.03 MPa)
Electrical Requirement	230 VAC, 50/60 Hz
Sensor Type	FE/KO, NI 120, PT 100

Note: 1. Depends on application and adhesive specifications. These are typical values.



The Package of Values™ goes with every sale.

With Nordson, you get the highest level of customer support in the industry.

Our factory-trained sales representatives and service engineers stand ready to tailor a system to your requirements. We'll continue to assist you during startup, training your employees to operate and maintain equipment. And once you are up and running, you can get needed parts and service without delay.

These are just a few of the many customer services that are part of the Nordson Package of Values – assuring your satisfaction every step of the way.

For more information on our full range of nonwovens systems, contact your Nordson representative. We'll show you how to maximize production and get the pattern performance you want.

For more information, talk with your Nordson representative or contact your Nordson regional headquarters.

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