

Solutions for Hot Melt Applications

Ultracoat™ Slot Coating Equipment for Adhesive Coating

Ensure superior performance when you partner with the field's leader in precision slot die equipment and specialists with extensive industry experience.

Benefits

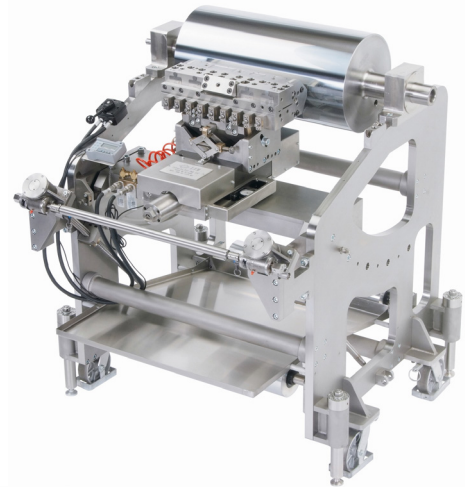
- **Enhance final product appearance** with a custom-engineered Ultracoat slot die and positioner, designed to pass gels in hot melt PSA for streak-free coating
- **Improve end product yields** with a manifold designed to uniformly distribute the coating fluid, based on the fluid's rheology
- **Increase production rates** with pre-metered slot die and positive displacement pump technology, allowing for precise fluid application with higher solids content
- **Shorten time required for product changeovers and clean-up** with a slot die designed for a larger process window, allowing for use of a higher variety of fluids at multiple widths and coat weights
- **Ease of use** design requires minimal operator adjustment to obtain repeatable results
- **Reduce contamination and emission of volatiles** with closed loop system

Nordson offers converters slot die coating systems that deliver a precise, uniform flow to the substrate at a constant rate.

Ultracoat Flexible Lip Slot Dies are custom-designed for a wide range of adhesives, as well as solvent and water-based coating fluids.

At our dedicated facility, experienced technicians use state-of-the-art equipment to custom design and manufacture slot die equipment. The result is uniform coat weight distribution and coating thickness.

No matter what your coating needs are – from laboratory devices to production systems for hot melt applications – custom-designed Ultracoat slot coating equipment will increase your production efficiency and provide significant cost savings.



The Nordson Solution

- **Ultracoat HM™ Flexible Lip Slot Die**
 - Coat Weight Uniformity: ± 1.75 -3.50%
 - Customized manifold design for specific fluid properties
 - Two-piece construction with access to all flow surfaces for easy and thorough cleaning
 - Die hinges provided for cleaning access without requirement of overhead crane or lift
 - Optional rotary rod passes gels and distributes wear of die tip over a larger area
 - Proven Autoflex automatic profile control available as option
 - May be designed to fit customer's positioning system
- **Ultracoat HM™ Die Positioner**
 - Position Repeatability: $\pm 2.00\mu$
 - Standard Angle of Attack: $\pm 5^\circ$
 - Easily integrated into new or existing production lines
- **Rubber Back-up Roll**
 - Total Indicated Run-out (TIR): 25.4 μ m standard