



# EDI® Die Solutions for Breathable Films

Extrusion Die Systems Designed to Maximize Profitability

## The Challenge

Increased Pressure to Produce a Higher Level of Protection

With a heightened awareness of how numerous health and environmental factors affect daily life, consumers and industry professionals alike are searching for new methods to protect themselves against these elements. Manufacturers must be prepared to produce high quality breathable films that provide buyers with an increased sense of comfort and protection.

## The Importance

Delivering a Highly Effective Film Drives Demand... and Profitability

Now more than ever, it's critical that the breathable films used in food packaging, medical garments, or personal hygiene products provide the superior barrier qualities required to achieve a new level of protection. Ensuring these films are capable of withstanding a wide variety of environmental factors in each end use is no easy task - but with the use of the right extrusion equipment, it becomes much easier to produce highly effective breathable films.

## The Nordson Solution

EDI® Die Systems for Breathable Films

Nordson is committed to providing the most innovative solutions that enable processors to optimize production. Our die systems for breathable film applications are custom designed to provide uniform polymer distribution for each customer's processing parameters. These factors lead to consistent protection and comfort during the film's use, helping operations become more profitable.

Deliver *Optimal*  
Security

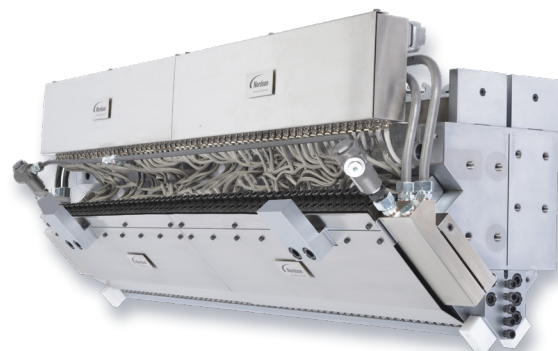


## Provide Superior Protection with EDI® Systems for Breathable Films

### Uniflow™ Cast Film Dies

Reduce changeover time between your production runs with the outstanding stability of a Uniflow™ die

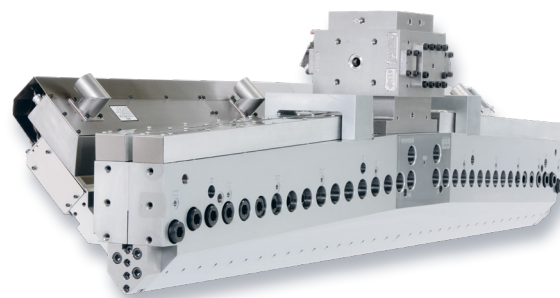
- Recommended for applications where thermally stable materials are being processed with few rate changes
- Elongated teardrop manifold cross-section shape promotes uniform layers in coextrusion processes
- Versatile flow channel design accommodates a broader range of resins and processing parameters



### Contour® Cast Film Dies

Significantly reduce your scrapped material with the unique flow channel design in the Contour® die

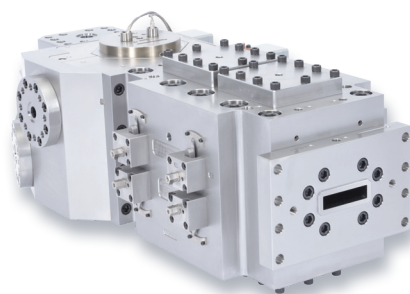
- Recommended for applications using thermally sensitive materials or making frequent rate changes
- Contour technology provides dimensional and process stability, while achieving uniform film properties, good purging characteristics, and less gels



### Ultraflow™ Coextrusion Feedblocks

Improve layer thickness uniformity and increase the strength & durability of your film

- Several adjustable and fixed geometry designs are available to ensure there is a Nordson feedblock to fit your requirements
- Feedblocks may utilize optional selector spools and profiled inserts to further customize your production process



## We're Here to Support Your Existing Equipment Too

### EDI® Aftermarket Services

Whether you need parts, on-site technical service, or it's time to refurbish your equipment, the EDI® Aftermarket Services team has the skills and know-how to help you get the job done.

A well cared for die system, no matter the age, is a significant benefit to any business.

**Scan our QR code with your phone for more details about the services offered by our team!**

