Nordson Solutions for Packaging Applications

Produce high-quality products and stay profitable with Xaloy® Plasticizing Screws

Nordson is your partner for your packaging needs. We have Xaloy® designs and wear solutions for producing injection-molded closures, food packaging lids, containers, and other food packages that help make your process more efficient while enhancing your product quality and increasing your productivity.

The Nordson Advantage

Experience

Nordson has supplied numerous Xaloy® proven screw designs and wear solutions specially geared to the unique requirements of specialty resins for injection molding applications for more than 90 years.

Trouble Shooting Expertise

Our Nordson Xaloy® Application Specialist Team can help you determine why you are encountering process challenges and then provide you with your custom-designed Xaloy® solution.

The Nordson Solution Package for Packaging Applications

For better product quality, Xaloy® MeltPro™ Barrier Screw with a Xaloy® Z-Mixer™

One of several Xaloy® screw designs in Nordson’s portfolio that helps increase productivity in packaging injection applications is the Xaloy® MeltPro™ Barrier screw with a Xaloy® Z-Mixer™. Its proprietary geometry utilizes mechanical potential in the melt stream to efficiently disperse additive packages. The unique “Z” formation channels the melt stream to high shear areas for a more thorough chaotic mixing action. This design helps to enhance quality, appearance and performance and reduces scrap rates considerably.

Optimum low shear distributive and dispersive mixing and better temperature control for higher output!
For better consistency, repeatability, and peak performance, Xaloy® Front End Components

Nordson can design and manufacture a complete line of Xaloy® front end components for injection units from a variety of abrasion and corrosion resistant steels. The scientific approach used for valve design incorporates resin viscosity, proven flow design techniques and decades of experience to deliver consistent performance and quality.

Greater repeatability, better consistency, and peak performance!

For barrels that last longer, Xaloy® Barrel Inlays

To stay profitable, it is critical that your equipment runs at maximum performance. For packaging applications that require extra wear protection, Nordson offers a wide range of construction materials. Our proprietary backing materials and inlays not only extend the working life of your components they will stand up to most polymers and production environments helping minimize downtime due to component wear.

For best wear resistance, Xaloy® X-800® Barrel Inlay

Our Xaloy® X-800® liner is a combination of a nickel-based alloy with tungsten carbide. This alloy offers more wear-resistance than general purposes alloys. The Xaloy® X-800® barrel provides exceptional abrasion and corrosion resistance for almost any polymer.

For gentle cleaning of your plasticizing equipment, BKG® Jet Cleaners

Nordson offers the most advanced cleaning method for fast and safe removal of polymer residue from metal parts safely and efficiently. The Jet Cleaners are available in an array of sizes to meet your part cleaning requirements.

Safe cleaning that protects your equipment!