

# GOEX Sheetline

QUALITY CUSTOM PLASTIC SHEET

Volume 23



#### GOEX

802 US Highway 14 East Janesville, WI 53545

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### Cheers!

This past year marked the 30th anniversary of GOEX Corporation. Throughout the past three decades, there are milestones we have hit that we can celebrate as a company with a common pursuit. GOEX is built on traditional family values, growing stronger each year, and looking forward to even better things to come.

GOEX began as an internal supplier of medicalgrade rigid plastic sheet to the Prent Corporation in Janesville, WI. In 1990, GOEX spun off on its own, as a sister company to Prent.

By 1992, GOEX had grown significantly, demanding an expansion that increased warehouse and production capacity. Then in 2015, an entirely new building was built on Hwy 14 in Janesville, boasting 235,000 square feet and 10 extrusion lines.

Today, GOEX operates out of this most advanced custom plastic sheet extrusion facility in the industry, serving three primary market segments: Medical Packaging, Food Packaging and Graphics.

In 2022, GOEX will complete a new state-ofthe-art facility in Cedar City, Utah — increasing capacity again and continuing environmentallysound business practices that have been in place for more than a third of a century.

Always on the forefront of innovation, GOEX has developed substrates using up to 70% post consumer recycled content. Our Zero Landfill philosophy and closed-loop recycling program facilitate a reduction of waste destined for landfills, recovering and reusing in new materials.

With more than thirty years of extruding quality products under our belt, GOEX has proven we are here to stay. Continued growth has prompted the need for additional personnel, equipment, and technologies along the way; all of which support GOEX's commitment to continuous improvement and quality products.

Private ownership assures business decisions are based on the best interest of our customers, not stock price. Our long-term view does not rest soley on quarterly results. We want to work with our customers and have successful, ongoing business relationships.

Let us show you how we can be your preferred provider of custom rigid plastic sheet and roll stock. Your satisfaction as a customer is the main reason we are where we are today. We intend to provide exceptional products that will make your company successful today—and long into the future.

During the past thirty years, GOEX has continued to become bigger-and better. Check out all the ways we keep building for the future:

#### MATERIAL OFFERINGS

HIPS/PS

PP

PC

PETG

PVC

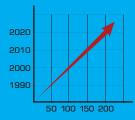
PVC was just the beginning of the line up of quality plastic products we extrude. Each material made is designed for the specific demands of our customers.

Serving the Medical market since our inception, expanding in to the Print-on-Plastic market and then Food packaging, we've got a product suitable for your application.

### MARKETS SERVED



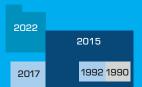
#### PEOPLE/EMPLOYEES



From dedicated Machine Operators to Engineers, our team continues to grow. Many have been here since the beginning.

Technologicallyadvanced facilities. multiple warehouse expansions and a location near the West Coast to come.

#### CAPACITY/SQ. FOOTAGE



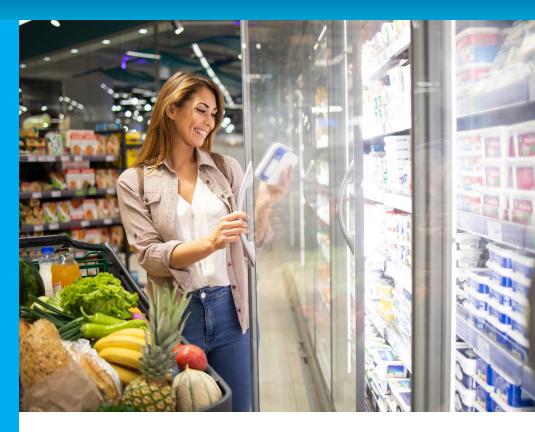
### **QUALITY & CERTIFICATIONS**







In conformance with ISO quality standards since 2008. GOEX continually meets the utmost qualifications for medical device and food packaging in the markets we serve.



### Food Makes Everything Better

Every food we consume needs to be packaged before it gets to us. This past year, as we transitioned to a nation of homebodies and online shoppers, what we are consuming is food; baked, processed, dried, frozen—in all forms of packaging.

In today's marketplace, with technology ever-growing, the landscape for the way we receive and perceive food has completely changed. Sales of comfort foods are especially booming.

Food is a medium that can be presented in many different forms.

People can order on-demand food from their favorite restaurants, and food delivery service from apps such as Doordash or Uber Eats. They can choose form-fill-sealed food packaged for convenience in their favorite supermarket aisle. Or have groceries delivered to their homes.

Packaging plays an important part in all of it.

At GOEX, we produce custom rigid plastic food packaging materials with strong emphasis on quality and safety practices.

Our FSSC2000 Food Certification solidifies our system-wide commitment to control and minimize food safety hazards and deliver best-inclass material options for your food packaging applications.

And our Interstate Milk Shippers listing adds a layer of assurance to the quality of products we provide our customers in the Grade A dairy industry which includes yogurt, milk, butter, sour cream and whey.

See how we can help deliver and store food safely from your food processing facility, to restaurants, or grocery stores, to ultimately your customer's dinner table.

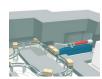
How's that for satisfying?

### To Steam, or Not to Steam...

Plastics are very different from one another in terms of chemistry and how they will react differently to radiation, heat, and moisture. Before selecting a material for medical device packaging, it is necessary to know upfront how sterilization may be used. If the selected material is not optimized for the sterilization method, it may not perform optimally. GOEX extrudes plastic that reacts differently to various sterilization methods. The most common methods are:

Ethylene oxide/EtO (or EO) is considered the sterilization method with the broadest application available for medical devices due to its effectiveness at lower temperatures, its compatibility with diverse materials, and its ability to withstand exposure without displaying any significant changes to the packaging's properties or color.





Electron beam (E-Beam) irradiation uses a concentrated, highly charged stream of electrons in continuous or pulsed beams. It offers good penetration of dense products and is ideal for many types of medical device materials and their rigid plastic packaging. GOEX has HIPS and PETG offerings that respond well to this sterilization method.

Gamma sterilization exposes a product to a radiation source, typically Cobalt 60 isotope, which decomposes into Nickel 60 isotope, firing off gamma rays in the process. Gamma rays can penetrate through the entire product, deactivating whatever microorganisms may be present.





Autoclave sterilization works by using high heat (250°F+) to kill microorganisms such as bacteria and spores. Heat is delivered by pressurized steam that allows the high temperatures required for sterilization. GOEX extrudes Polycarbonate and Polypropylene options that withstand this form of sterilization.

Don't waste time or money. At GOEX, we are experts on medical device sterilization methods and can provide the best advice on what materials may work best for your medical packaging needs. Contact us today to see how we can help you choose the right material for your particular application.

### Flat Out Beauty

At GOEX, we understand turning our plastic sheets and rolls into a printed masterpiece takes more than just running the sheet through your press.

Our customers rely on us to provide consistency in key attributes like color, opacity, surface finish, surface energy/dyne level, dimensional tolerances and flatness.

Polypropylene is one substrate that gets a bad rap in the industry when it comes to flatness. It would be easy to let this deter you and choose an alternate

substrate. But if you did, you'd be missing out on all the great characteristics Polypropylene has to offerimpressive things like:



GOEX heard the market's cries for flatter Polypropylene sheets and responded to the challenge in big ways.

Investing millions of dollars in custom extrusion equipment. we have worked to design equipment specific to Polypropylene extrusion.

The end result? Best-in-industry flatness for our PP sheets and happy customers that can reap the benefits of using Polypropylene in their specific applications.

Take advantage of the benefits Polypro pylene offers. Talk to GOEX to see how Polypropylene's unique properties can make a difference for you.

### Personally from the President

GOEX has had a long history of collaboration and support for our customers since our inception in 1990. Over the years, we've teamed up with our employees and customers to seek out a variety of ways to make a difference in the world we live in.

From the start, as part of our Zero Landfill Philosophy, GOEX has been committed to minimizing the environmental impact of our products. With our RE•COVER™ line of materials, we can reprocess our customers' scrap and incorporate it into resalable productssaving money and the Earth.

We have grown from a singlesource supplier of medical-grade material, to a trusted resource for custom plastic in the food packaging market and an innovative partner in the print-on-plastic Graphics market as well. There is no limit to the ingenuity and abilities of our people to find a solution for your business too as we continue to expand into other exciting markets.

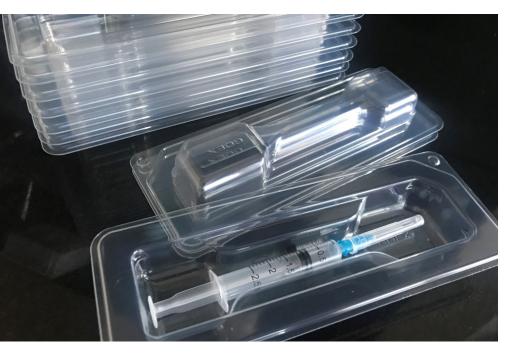
Our 30-year heritage has strengthened our commitment to helping customers like you meet your goals. How can we help your company make a difference in this everchanging world? We very much look forward to the opportunity to work with you soon.



Joshua D. Grav President & CEO **GOEX Corporation** 

### Introducing MEDPET™ 90

GOEX has added a new extruded sheet material to our medical packaging portfolio. MEDPET<sup>TM</sup> 90 is a medical-grade polyester (PET) engineered to provide a **preferred recycling option and cost-competitive solution** for formed products.



This material is specifically designed for rigid medical component packaging. It has performance properties equal to or better than legacy medical device packaging materials and can withstand the toughest distribution conditions.

Here's how MEDPET 90 from GOEX stacks up:

- Reduced cost
- Recyclable
- High clarity
- Comparable processing parameters
- Enhanced thermal properties
- Excellent dimensional stability
- Compatible for sterilization by GAMMA and EtO
- FDA compliant

## Let GOEX help you find the clear choice to meet your medical packaging needs.

### Seeing is Believing

Available in clear and blue tint, MEDPET 90 allows end-users to view critical medical device contents while still packaged. At the same time, its high impact resistance provides the toughness needed to protect what's inside.

#### Cost Competitive, Comparable and Compliant

MEDPET 90 offers signicant cost savings over other traditional medical device packaging materials. It also has comparable processing parameters to alternative packaging materials. Its excellent dimensional stabilty assures a consistent product that won't shrink or warp during forming.

In addition, MEDPET 90's enhanced thermal properties make it compatible for sterilization at higher temperatures (by GAMMA and EtO) resulting in the potential for quicker cycle times—saving you time and money.

MEDPET 90 is also FDA compliant, having undergone rigorous quality system processes, both internally and by independent lab review. With GOEX, you can count on a quality product, time after time.

#### Plus Sustainable!

Considered a  $\triangle$  in the recycling stream, one of the most commonly used and easy to recycle plastics, MEDPET 90 is the environmentally-sound choice toward helping you with your sustainability initiatives.

See for yourself how GOEX can help provide the best material for your rigid medical packaging application at goex.com/industries/medical.

### Visit GOEX at these upcoming tradeshows



Booth 2139

HealthPack.

Aug. 18-20, 2021 Atlanta, GA Booth 26





ICI EX

Sept. 27-29, 2021 Las Vegas, NV Booth 8916 Nov.7-10, 2021 Orlando, FL

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Production Notes Stock: GOEX CAROM® 45 PVC Press: Heidelberg XL-106 with Full UV

