



GOEX

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Personally from the President

It's no secret that the goal of a solid organization is to provide excellent quality products and services for its customers; to earn their loyalty and repeat business. It's traditionally understood that successful organizations like ours, are also concerned with improvement. That said, GOEX has recent successes that have helped us keep our eye on the improvement goal.

For more than 20 years now, our ISO 9001 certification authenticates the high quality standards of GOEX. Our ISO 9001:2015 upgrade this year substantiates significant benefits like:

- Providing a framework for a well-organized Quality Management System (QMS)
- Creating satisfied customers, management and employees
- Helping continually improve the company and the products we sell

More market specific, GOEX has achieved the FSSC 22000 Food Safety System Certification. This certification demonstrates we have a robust and effective food safety management system (FSMS) in place to meet the requirements of regulators, food business clients and consumers.

As a food-grade system certification, it signifies a major accomplishment in the food packaging material manufacturing realm and solidifies GOEX as a world-class manufacturing operation.

These significant certifications help GOEX in our continuous pursuit to satisfy the demands of a global market. For example, we have further expanded our polypropylene line with the addition of new CONTOUR® products to provide quality products that are relevant to the markets we serve.

We have CONTOUR options including medical-grade polypropylene that strengthens GOEX as a top manufacturer in the medical packaging material market. Other CONTOUR formulations are more well-suited for the graphics market with a flat, print-friendly profile. And the food-grade material market will appreciate the CONTOUR30 addition with its superior clarity.

Check out more of what's new at GOEX on the following pages or go online anytime—we've got custom solutions just for you!



Regards,

Joshua D. Gray
President & CEO,
GOEX Corporation



Feast Your Eyes on This

We've heard the key to eating healthy is shopping for your food properly. It's well known that the healthiest foods are along the outer aisles of grocery stores, while the less healthy choices fill the center aisles of supermarkets. The trick is to stock up on the good stuff first, resist foods that offer less benefit, and make smart shopping choices.

Changes in demographics, lifestyles, and eating patterns these days are creating new opportunities for food and beverage packaging. According to Packaged Facts, a leading publisher of market research in the food, beverage, and consumer packaged goods, these demographic changes are leading to changes in eating behaviors too.

Examples are multi-shopper households, more meals being eaten alone, and more snacking on more occasions. Also changing is the balance between perishable foods and beverages merchandised in stores' "perimeter departments", on shelves, and in frozen foods sections.

To take advantage of the changing food shopping environment, marketers must understand what matters most to consumers, and what packaging innovations can deliver benefits that actually impact behavior. Consumers want convenient, see-through, easy-to-open, yet tamper-proof containers that keep their food fresh. GOEX has food-grade material solutions that satisfy all these criteria. Check out goex.com to get an eyeful and start shopping smart now.

THE CORONA TREATMENT

Ever try to write on plastic with a pen or marker? Doesn't work so well, does it?

THE PROBLEM:

Plastic is a man-made, synthetic material containing long molecular chains that form a strong and uniform product. These chains of molecules are joined end-to-end, forming even longer chains and leaving only a few open chain ends that provide only a small amount of bonding points at the surface. These few bonding points cause low ink adhesion, which is a problem when printing.



In the 1950s, Danish engineer Verner Eisby, came up with a theory that a high frequency charge would provide a more efficient and controllable method of increasing the adhesion and "wettability" of a plastic surface. And the corona treatment was born!

THE SOLUTION:

GOEX produces corona-treated plastic sheet that is perfect for printing promotional materials with great ink receptivity and are durable enough for outdoor usage. In fact, we have a product offering suitable for just about any printing application. Plastic is an excellent choice for creating longer-lasting, unique and sophisticated printed images. GOEX products can withstand the toughest environmental conditions—and be printed on in brilliant colors. Request a product sample and see for yourself!

Quality — A Matter of Principles

As part of our ongoing commitment to quality, GOEX was certified to the most up-to-date ISO 9001:2015 Certification. We diligently apply quality management principles that this standard is based on. The ISO 9001:2015 principles are:

1 Customer Focus

Looking beyond meeting specifications and seeking to understand and improve the total customer experience. Providing what is needed, when it's needed.

2 Leadership

Defining the overall vision and mission of the organization and ensuring all processes are effectively carried out on a day-to-day basis.

3 Engagement of People

Ensuring that people's abilities are used and valued. Making people accountable and enabling them to participate in continual improvement.

4 Process Approach

Assuring activities that make up a process are related and organized. Working toward a common goal to create results customers care about.

5 Improvement

Making a plan for continuous improvement of products, services and processes. Identifying opportunities and implementing changes to make a difference going forward.



6 Evidence-Based Decision-Making

Evaluating and prioritizing options to make informed decisions based on analysis not opinions. Balancing data analysis with practical experience.

7 Relationship Management

Sharing expertise, resources, information and plans with partners. Collaborating on improvement to create value for the customer.

Find out more about GOEX's latest ISO certification now at goex.com/ISO.



GOEX Gains International Food Safety System Certification

Earlier this year, GOEX achieved the Food Safety System Certification 22000. This important food safety certification validates GOEX as a valuable partner in supplying food-safe packaging material to the marketplace and demonstrates our ongoing commitment to quality food packaging.

The International Organization for Standardization (ISO) developed the Food Safety Management System following a similar format as the well-known quality standard ISO 9001 above. This standard (ISO 22000) is applicable to any company in the food industry, from farmers, manufacturers and transporters to packagers and retailers. ISO 22000 registration is recognized worldwide, and is growing in popularity as an important area in quality standards.

To further gain acceptance globally, the Foundation for Food Safety Certification (FSSC) created the FSSC 22000 structure to recognize the concerns of international food trade associations. By using ISO 22000 with ISO/TS22002-4 standards, the FSSC 22000 international food safety and quality management system provides companies in the food industry with an ISO-based food safety management system certification that is recognized by the Global Food Safety Initiative (GFSI). Recognition by GFSI provides worldwide recognition and acceptance by food manufacturers, retailers, and consumers alike.

In the FSSC 22000 requirements, *food safety is defined as the concept that ultimately, the food will not harm the consumer when it is prepared and/or eaten according to its intended use.*

The FSSC 22000 defines requirements for integrated processes that work together to control and minimize food safety hazards. As part of this commitment, GOEX as a food packaging manufacturer, is required to:

- Create a food safety team
- Assign responsibilities
- Set a food safety policy and support it with goals and objectives
- Provide resources
- Create communication systems
- Establish and sustain an HACCP plan
- Hold management reviews of the system
- Develop and monitor prerequisite programs
- Work to continually improve the system

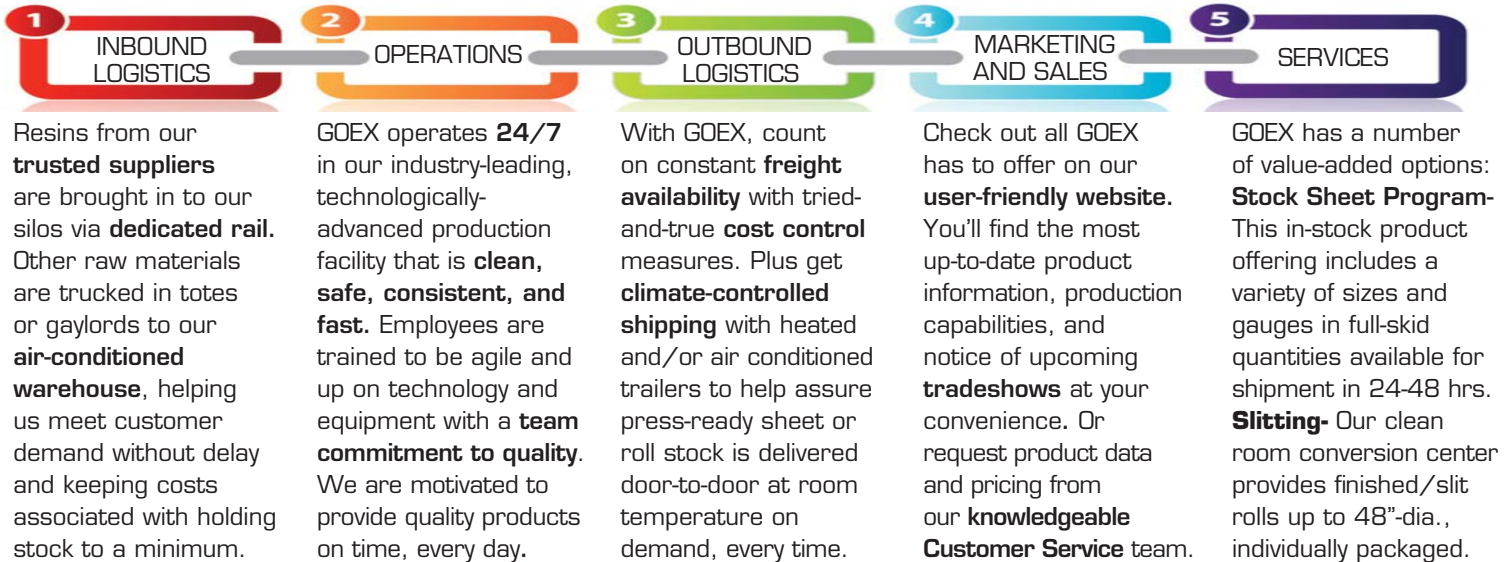
GOEX is proud to affirm our facility has implemented processes that address all the requirements above and has been certified to FSSC 22000.



The Strength of the GOEX Value Chain

A value chain is a set of interrelated activities a company uses to create a competitive advantage.

Five steps in our value chain give GOEX the ability to create something extra for our customers. Maximizing the activities in any one (or all) of the five steps, allows us to have an edge over others in our industry. The five steps or activities we focus on are:

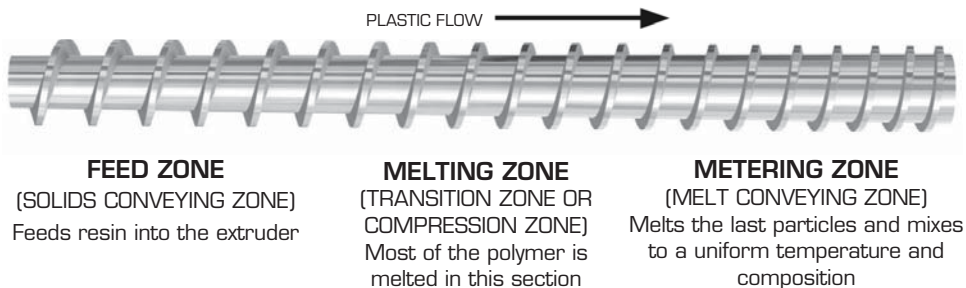


A profitable value chain requires connections between what consumers demand and what a company produces. The best value chains focus on things like product testing, innovation, research & development, and marketing. Talk to one of our knowledgeable GOEX Account Managers and see how partnering with GOEX can help create value for your company today.

ANATOMY OF A SCREW

In the extrusion of plastics, a large rotating screw forces raw material forward into a heated barrel, through a breaker plate, screen and a die. Before plastic ultimately ends up on a roll or as a sheet, it passes through the zones in this often 10–20 ft. feedscrew.

While different names may refer to these zones and different types of polymer will have differing extrusion screw designs, some not incorporating all of the possible zones, most thermoplastic screws have these three basic zones:



Determining the ultimate length of a screw for production involves using the proper length to diameter (L:D) ratio. For example, a typical 6" diameter screw at a 24:1 ratio will be 144" (12') long, and at a 32:1 ratio it is 192" (16') long. An L:D ratio of 25:1 is common, but some machines go up to 40:1 for more mixing and more output at the same screw diameter.

Each zone is also equipped with one or more thermocouples in the barrel wall for temperature control. The "temperature profile" i.e., the temperature of each zone is very important to the quality and characteristics of the final product.

Count on GOEX to engineer quality products to meet your custom specifications.

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Produced by: Think Patented, Miamisburg, OH

Production Notes

Stock: GOEX CAROM® 45 PVC with Eco-One™
Press: Heidelberg XL-106 with Full UV