

## **Miles Fiberglass Adds Vacuum Thermoforming Capabilities**

Miles Fiberglass and Composites of Oregon has recently installed a thermoforming machine capable of processing molds as large as 110" x 110". This is the largest thermoforming machine of its type in the Pacific Northwest. This process is faster and more cost effective than injection molding and is a welcome addition to the Miles Fiberglass facility. When compared to injection molding, thermoforming has a faster tooling process, can be modified quickly, and has less expensive set-up costs. Using this vacuum thermoforming process also gives Miles Fiberglass the ability to adapt the strength and flexibility requirements to match the application.

Miles Fiberglass can turn parts from start to finish in as little as 3 weeks using their thermoforming process. "We have the ability to do everything from novelty parts to industrial and structural parts," says Lori Luchak, President of Miles Fiberglass and Composites, "and we are excited about the additional flexibility of the vacuum thermoforming process. To view some of the custom work Miles Fiberglass has done in the past please visit [www.milesfiberglass.com](http://www.milesfiberglass.com)

### **Benefits of Vacuum Thermoforming**

Thermoformed parts have a superior finish to traditional fiberglass and allow for wider material and color choices. Overall aesthetics are superior when using vacuum forming because it uses a combination of heat pressure and vacuum pressure to form precise details and intricate undercut and reverse angles. Other design advantages include molded in vents and ribs, textured surface, and various part sizes. Also thermoforming machines give you the ability to quickly and inexpensively modify parts as needed.

### **About Miles Fiberglass and Composites**

Founded in 1963, Miles Fiberglass and Composites is a family owned corporation with plants in Oregon City and Portland, OR. MFC has over 40 years of experience in the fiberglass and composites industry.

Miles Fiberglass & Composites, Inc. has grown to produce a variety of products using open molding, vacuum bagging, press molding, and resin transfer molding (RTM) processes. Miles Fiberglass & Composites, Inc. originally manufactured products such as air conditioning unit covers and canoes. Now, the company has expanded its capabilities to be able to produce one-of-a-kind, custom-made items.

Contact Miles Fiberglass & Composites to find out more about thermoform molding and their other fiberglass and composite manufacturing capabilities.