Using all-natural materials, O-I manufactures one of the healthiest and most sustainable packaging materials available. For more than 100 years we have upheld this glassmaking tradition and, with a culture grounded in innovation, we deliver iconic, brand-building glass packaging to a growing global marketplace.

**How Glass is Made**

**Ingredients**

All-natural raw materials and quality cullet are combined into a batch mixture and transferred to the furnace for melting.

**Melting**

The furnace heats the batch to about 1565°C (or 2850°F), creating a liquid molten glass mixture.

**Molten Glass Separation**

Upon exiting the furnace, the liquid is cooled to a uniform temperature and cut into “gobs” of molten glass.

**Forming & Moulding**

Glass gobs are then diverted into moulds within the forming machines where they are blown into containers.

**Annealing**

Once the containers are formed, they are reheated in process equipment, called the lehr, and gradually cooled.

**Inspection**

Before shipping, each glass container undergoes a rigorous inspection process to ensure the highest quality, eliminating defective containers. Rejected bottles are re-melted and the process begins again.

**Packing & Shipping**

After inspection, the finished glass containers are prepared for shipment to customers.