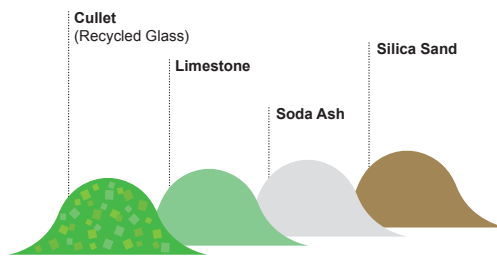


# How Glass is Made

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.

## 1 Ingredients

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



## 7 Packing & Shipping

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

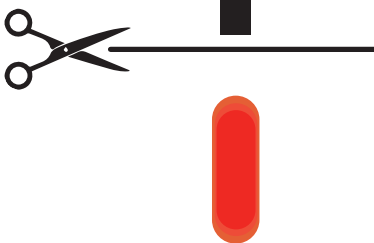
## 2 Melting

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



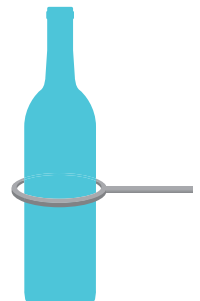
## 3 Molten Glass Separation

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



## 6 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.



## 4 Forming & Moulding

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



## 5 Annealing

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

