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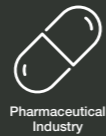
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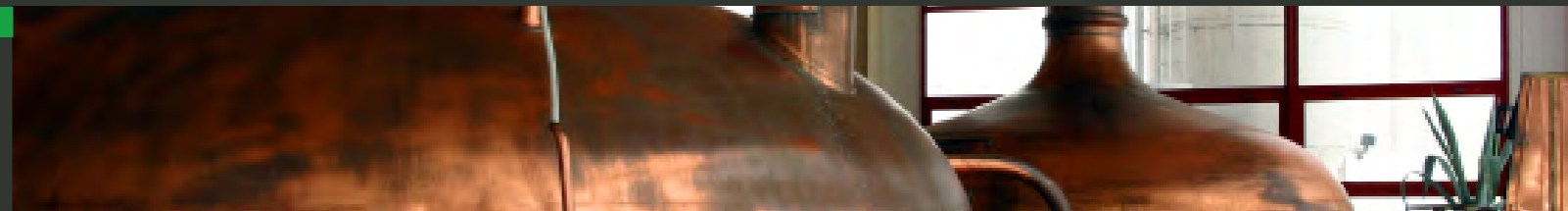
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# Brewing Industry

## Characteristics of the Sector

Beer manufacturing requires automated, reliable processes to guarantee a standard product that has not been altered during any of the production phases. Using elements that ensure perfect sealing during all the manufacturing phase steps is of vital importance.

In the event of contamination of the must or of the water used in the different parts of the process or in the end product, the production line will be stopped.

It is important to use products made of materials that are chemically resistant (CIP or SIP processes) and which also comply with the different food sector regulations: FDA, CE 1935, NSF, etc.

Our knowledge of the sector and the extensive range of products in our portfolio enables us to cater for every sealing need in the different production phases.

## Gaskets

In materials that are resistant to high temperatures (heat exchangers in the different cooling phases).



## Oil seals and Bearings

These are used in malting and grinding operations and in the machinery during the cooking phase.



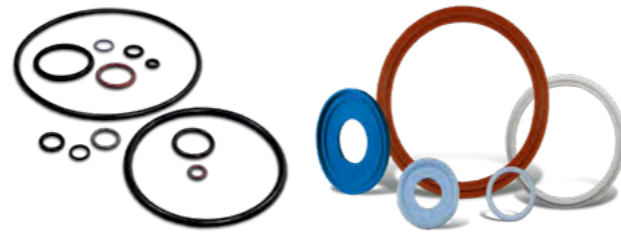
## Belts and Chains

The machinery in the different production areas, and in particular, the machines used to transport pallets, require belts, couplings and chains.



## O-Rings and Clamp Seals

Made of special materials that are resistant to alkaline products and high temperatures.



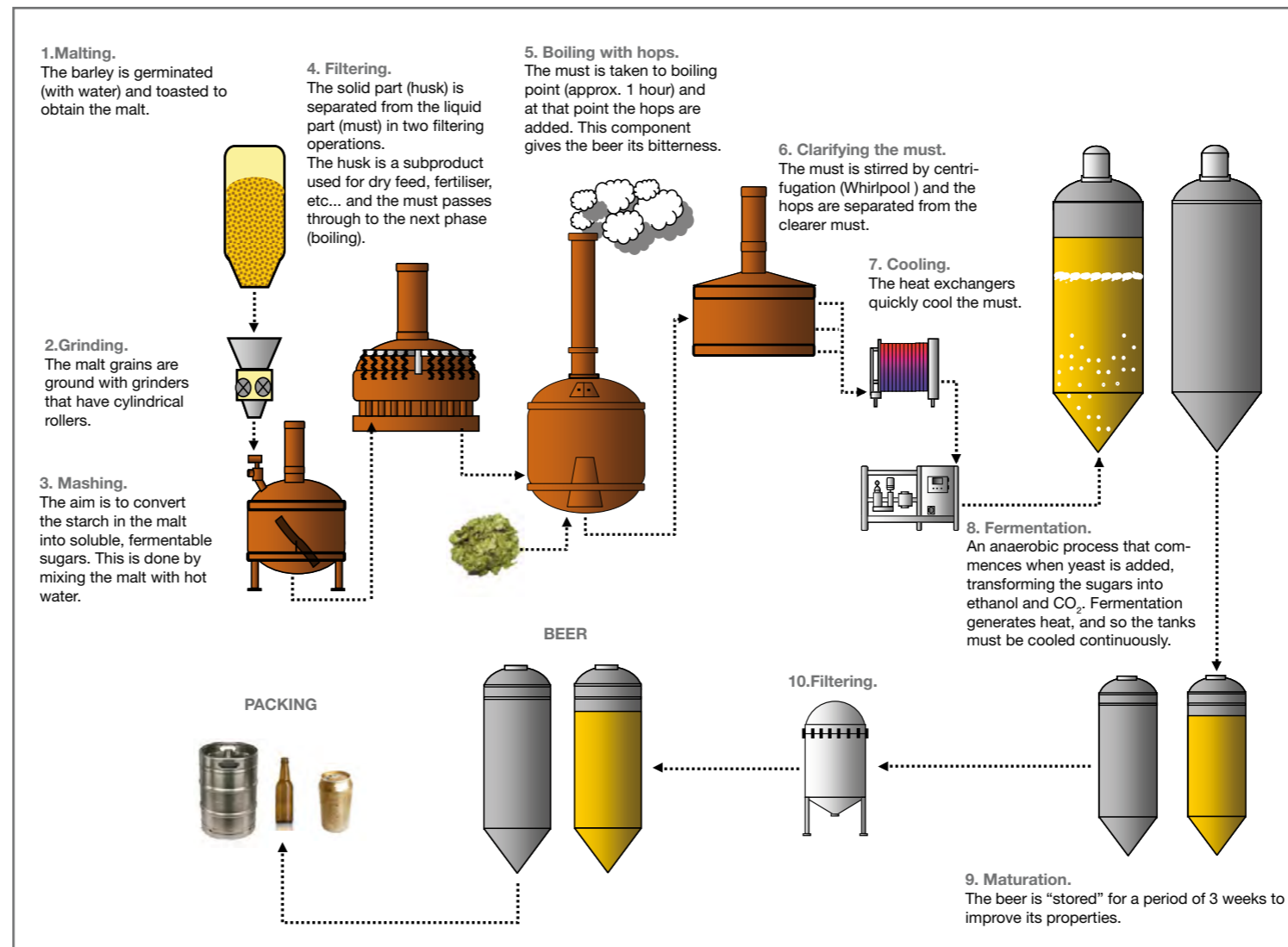
## Bellow Seals

To protect the machines from dirt and from splashing.



## Mechanical Seals

Seals installed in centrifugal pumps in diverse CIP processes and mixers and seals with special designs used for filtering processes (elimination of yeast).



## Services

Repairing of standard mechanical seals and mechanical seals with special designs. Repairing of pumps and motors in contract workshops, with proven experience.



## Braided Packing

Used in the stirrers during the maceration or mixing phases.



## Chemicals

Lubricating greases that are suitable for direct contact with food (NSF H1 and NSF H2). Metal surface cleaners.



## Anaerobic Resins

For fastening with all types of bolts and screws.



## Bolts and Screws

BUMAX 88 and BUMAX 109 quality fixation, equivalent to the 8.8 and 10.9 of steels in terms of resistance.

