



HUTCHINSON®

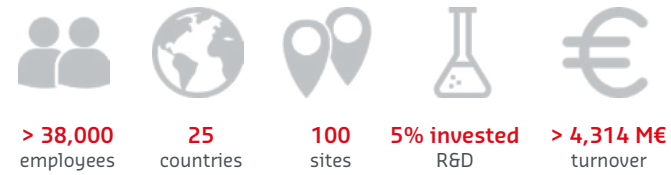
We make it *possible*

## PRECISION SEALING FOOD INDUSTRY



In-house Manufacturing, Safe Sealing

## HUTCHINSON GROUP



[www.hutchinson.com](http://www.hutchinson.com)

As a leading manufacturer of sealing solutions, Hutchinson® provides standard and tailor-made solutions like O-Rings, X-Rings, bonded seals and special shape seals.

From the compounds formulation and production to the conception and production of the parts in small or large series, we do everything in our plants.

## SECURE YOUR PRODUCTION

Evolving in an increasingly demanding environmental and sanitary context, the food industry needs reliable partners capable of anticipating new regulations and guarantee the origin of their products.

For the safety and health of consumers, Hutchinson® accompanies the professionals of the sector to optimize the quality and the characteristics of the transformed products in the production cycles.

We offer a range of sealing solutions which can be in contact with food for human consumption transformed in the food industry plants (water, fruit juices, wine spirits, animal and vegetable fats, purees compotes, etc.).

Besides, our expertise guarantees an optimal sealing of the installations which prevents losses and waste and maximizes the performance and competitiveness of the production lines.



As a guarantee of quality and reliability, our production plants are certified:



## SEALING SOLUTIONS



### O-RINGS

- > Large standard size range in stock
- > Dimensional standards (AS568, BS1806, Bague R...)
- > Optionals :
  - Level of cleanliness (ISO 7 Room)
  - Surface treatments,
  - Traceability by micro-engraving



### TAILOR-MADE SOLUTIONS

- Development according to your specifications
- > Compounds and solutions optimizing assembly, friction...
  - > Characterization & soaking tests in our laboratories
  - > Finite elements calculation



### BONDED SEALS

- > Bi-material metal/rubber (or stainless steel) ring for sealing under screws, bolts, fittings or flanges
- > For applications involving compressed air, oil or gas
- > Option : anti-corrosion treatments

- > Wide range of compounds: NBR, FKM, EPDM, HNBR, ACM, AEM, IIR, CR, VMQ, FVMQ...
- > Hardness From 50 to 98 Sh.A
- > Temperatures from -50 up to +250°C
- > From low to high pressure

### SPECIFIC COMPOUNDS FOR THE FOOD INDUSTRY

We have a wide range of approved elastomeric compounds adapted to the installations of the food industry.

	6EP1862	7EP1197	EP856	7PD1612	6SL2136	7DF3410
<b>Family</b>	EPDM	EPDM	EPDM	NBR	Silicone	FKM
<b>Color</b>	Black	Black	Black	Black	White	Blue
<b>Hardness (Sh A)</b>	60	70	80	74	60	70
<b>TR10 (°C)</b>	-50	-46	-46	-24	-45	-16
<b>CS* (%)</b>	18	12	12	15	28	35
<b>FDA</b>	✓	✓	✓	✓	✓	✓
<b>French Decree</b>	✓ 20	✓ 20	✓ 20	✓ 20	✓ 92	
<b>CE 1935/2004</b>	✓	✓	✓	✓	✓	✓

\* ISO 815-1 Compression Set Conditions: EPDM : 24hrs at 150°C - NBR : 24hrs at 125°C - Silicone : 72hrs at 150°C - FKM : 24hrs at 200°C

Compliance certificates and ANIA certificates are available on request.





# HUTCHINSON®



## WORLDWIDE LOCATIONS



## SALES OFFICES

### ▶ EUROPE

Château-Gontier - FRANCE  
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