

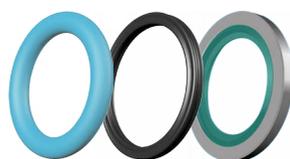


HUTCHINSON®



# PRECISION SEALING

FOOD INDUSTRY



In-house Manufacturing, Safe Sealing



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.

## 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	7PB3402	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	74
<b>TR10 (°C)</b>	-50	-46	-46	-25	-45	-17
<b>CS* (%)</b>	18	12	12	15	28	32
<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 : 70hrs at 200°C

Compliance certificates and ANIA certificates are available on request.



## SECURE YOUR PRODUCTION

Operating in an increasingly demanding environmental and health context, the agri-food industry needs reliable partners capable of anticipating new regulations and ensuring the traceability of their products.

Hutchinson® supports professionals in the sector to ensure that nothing in the manufacturing process compromises the quality and characteristics of processed products, safeguarding consumer health and safety.

Our range of food-grade compounds provides sealing solutions that are safe for contact with foodstuffs intended for human consumption (water, fruit juices, wine, spirits, animal and vegetable fats, purées, compotes, etc.) and processed in food industry facilities.

Moreover, our expertise ensures optimal sealing of installations, preventing losses and waste while maximizing the performance and competitiveness of production lines.



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



## SITES AROUND THE WORLD



## ABOUT US

As a leader in the manufacturing of sealing systems, Hutchinson® designs and produces standard and tailor-made sealing solutions, such as O-Rings, X-Rings, and Bonded Seals.

Since 1948, our expertise has enabled us to support customers worldwide in all industrial sectors. From the formulation of elastomer compounds to the production of parts in small or large series, we control the entire manufacturing process within our own facilities.

Thanks to our *One Plant Concept* approach, we ensure perfect consistency in our production processes in all countries where we operate. This model allows us to guarantee a constant level of quality while remaining close to our customers.



[www.oring.hutchinson.fr/en](http://www.oring.hutchinson.fr/en)

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## ABOUT HUTCHINSON



€4.8 Md  
turnover



25  
countries



5% invested  
each year in  
research &  
innovation



100 sites  
around  
the world



> 40 000  
employees



French  
Company