



HUTCHINSON®

We make it *possible*

PRECISION SEALING

FOOD INDUSTRY



In-house Manufacturing, Safe Sealing



HUTCHINSON GROUP



> 44.000
employees



25
countries



100
sites



211 M€
R&D



> 4.100 M€
turnover

www.hutchinson.com



SECURE YOUR PRODUCTION

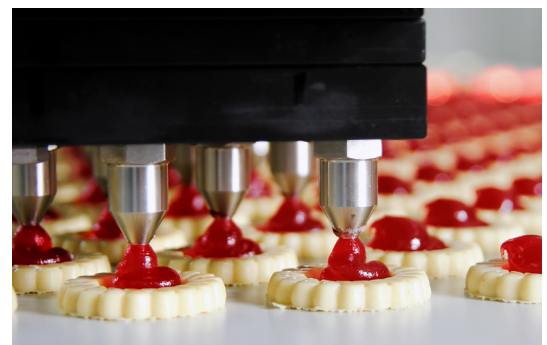
As a leading manufacturer of sealing solutions, Hutchinson provides standard and tailor-made solutions like O-Rings, X-Rings, bonded seals and special shape seals.

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.

In a challenging environmental and sanitary context, the food industry needs reliable partners capable of adapting to new regulations and guaranteeing 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.

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



As a pledge of quality and reliability, our production plants are certified ISO 9001, ISO 140001, ISO 50001 et OSAS18001

SEALING SOLUTIONS



O-RINGS

- > Important standard size range in stock
- > Dimensional standards (AS568, BS1806, Bague R...)
- > Features available : surface treatments, cleanliness, micro-engraving for identification



TAILOR-MADE SOLUTIONS

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



BONDED SEALS

- > Bi-material seals (metal/rubber) used for screw, bolt, connector or flange assembly.
- > For applications using compressed air, oil and aromatic fragrances

- > Wide range of compounds : NBR, FKM, EPDM, HNBR, ACM, AEM, IIR, CR, VMQ, FVMQ...

- > From 50 to 98 Shore A
- > Temperatures from -50°C up to +320°C
- > From low to high pressure



FOOD INDUSTRY APPROVED COMPOUNDS

We offer a range of sealing solutions which can be in contact with food for human consumption transformed in the food industry plants (water, milk, juice, wine, liquor, oil, vegetable oils, animal fats ...).

	6EP1862	7EP1197	EP856	7PD1612	6SL2136
Elastomer	EPDM	EPDM	EPDM	NBR	Silicone
Color	Black	Black	Black	Black	White
Hardness Sh A	60	70	80	74	60
TR10 (°C)	-50	-46	-46	-24	-45
CS* (%)	18	12	12	15	28
FDA	✓	✓	✓	✓	✓
Arrêté français	✓ 94	✓ 94	✓ 94	✓ 94	✓ 92
CE 1935/2004	✓	✓	✓	✓	✓

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

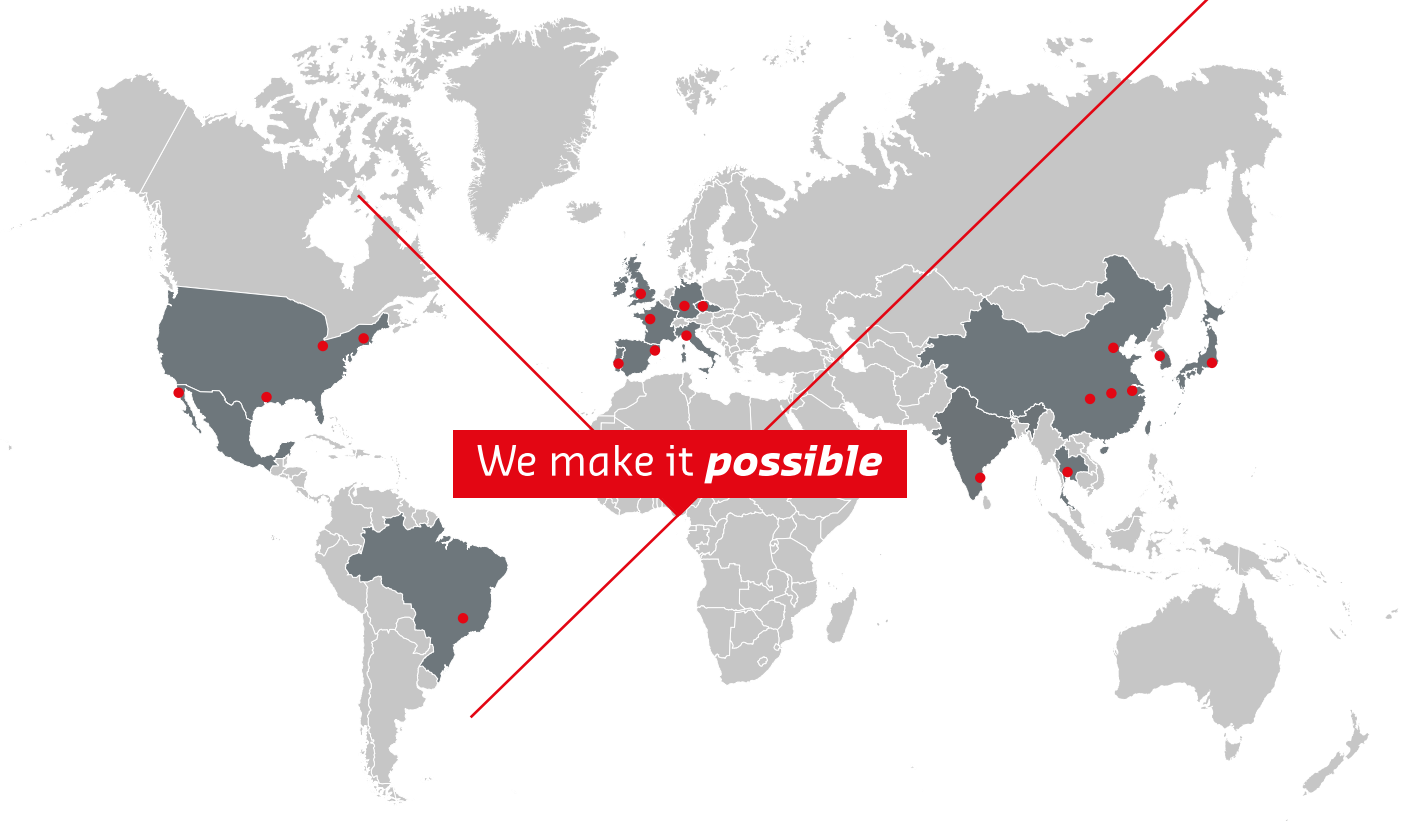
Compliance certificates and ANIA certificates are available on request





HUTCHINSON®

▶ WORLDWIDE LOCATIONS



▶ SALES OFFICES

▶ EUROPE

Château-Gontier - FRANCE
oring@hutchinson.com
+33 2 43 09 23 20

Mannheim - GERMANY
info@hutchinson.com
+49 621 39710

▶ ASIA

Suzhou - CHINA
oring.sales@hutchinson-suzhou.cn
+86 0512 85188298 (8862)

▶ NORTH AMERICA

Danielson, CT - UNITED STATES
Houston, TX - UNITED STATES
sales@hutchinson-seal-mexico.com
+1832 243 4644

▶ SOUTH AMERICA

Monte Alto, SP - BRAZIL
precision@hutchinson.com.br
+55 16 3244 3500

www.oring.hutchinson.fr
oring@hutchinson.com