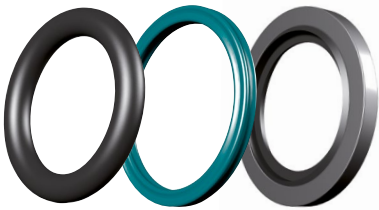




We make it *possible*



HUTCHINSON®



PRECISION SEALING SYSTEMS

In-house Manufacturing, Safe Sealing



HUTCHINSON GROUP



> 44,000
employees



25
countries



100
sites



217 M€
R&D



> 4,314 M€
turnover

www.hutchinson.com



IN-HOUSE MANUFACTURING, SAFE SEALING

As a leader manufacturer of sealing solutions, Hutchinson provides standard and tailor-made solutions like O-Rings, X-Rings, special shape seals, bonded seals and PFS. Serving customers from all industries, we have a profound knowledge of the seals technical environment in automotive, off-road, energy, water, or oil & gas applications...

Our goal is to guarantee our customers' peace of mind by conceiving optimal solutions solving challenges, helping develop new business and addressing market changes.

Dedicated to sealing, we master the whole value chain and remain a true specialist manufacturer. Thanks to our one-plant concept, we ensure best-in-class quality by standardizing all our processes throughout the world.



OUR COMMITMENT FOR EXCELLENCE



In-house Manufacturing



Wide Product Range



Expertise



Quality



Reliability



Presence



Reactivity



Services

All around the world, one-plant concept for optimal quality and performance!



A WIDE RANGE OF SEALING SOLUTIONS

RUBBER COMPOUNDS

We develop and produce our rubber compounds in our own mixing plants, assuring consistency and highest quality for our customers.

A wide compound range, from NBR to low temperatures FKM, including EPDM, HNBR, AEM, IIR, VMQ, ACM and FVMQ for a large range of applications, from low to high pressure, from 50 to 98 Sh.A, at very low and very high temperatures (T° from -70°C to 250°C).

Hundreds of compounds with approvals for oil (NORSOK & TOTAL), gas (UL, EN549), water (KIWA...), food (FDA), hydraulic, and pneumatic applications. Approvals by major automotive OEM & all Tier level suppliers with more than 1,000 specifications are at your disposal to meet your highest requirements.

O-RINGS

- › Shapes designed according to your requirements up to 2100 mm
- › Dimensions following international norms AS568, BS1806, ISO3601, LJB Bague R, JIS B2401, or specific



BONDED SEALS & PFS

- › Bimaterial seal for flange sealing in compressed air, oil and cooling liquid applications up to 2000 bars
- › Standard design or special shapes
- › Diameters up to 650 mm
- › Stainless-steel, brass, nickel coated...



X-RINGS

- › Double sealing lines
- › Shapes designed according to your requirements
- › Suitable for both static and dynamic applications in order to reduce friction forces

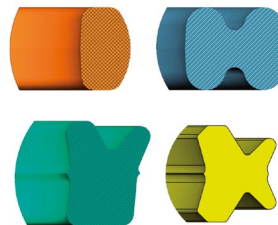


SPECIFIC REQUIREMENTS

- › A wide range of coatings and surface treatments
- › Cleanliness and S-Grade
- › Packaging specifications

SPECIFIC DEVELOPMENTS

- › Besides a wide range of dimensions in stock, we develop the optimal sealing solutions together with your technical teams.
- › We offer support in designing the optimal cross-section and groove dimensions, for the best level of sealing.
- › Our central R&D and laboratories develop compounds and designs using the highest technological equipment:
 - Chemical and physical analysis
 - Scientific calculations (FEM)
 - Test rigs
 - Specific testing and development





HUTCHINSON®

▶ WORLDWIDE LOCATIONS



▶ SALES OFFICES

▶ EUROPE

Château-Gontier - FRANCE
oring@hutchinson.com

Mannheim - GERMANY
info.mannheim@hutchinson.com

▶ NORTH AMERICA

Auburn Hills, Danielson, Houston
- UNITED STATES
seal@hutchinsonNA.com

▶ SOUTH AMERICA

Monte Alto - BRAZIL
precision@hutchinson.com.br

▶ ASIA

Suzhou, Wuhan, Beijing, Chongqing - CHINA
oring.sales@hutchinson-suzhou.cn

Chennai - INDIA
oring.india@hutchinson.com

Tokyo - JAPAN
oring.sales@hutchinsonjapan.com

Bangkok - THAILAND
oring.thailand@hutchinson.com

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