



HUTCHINSON®

We make it *possible*

PRECISION SEALING SYSTEMS

NON-ROAD HEAVY EQUIPMENT



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

As a leading manufacturer of sealing solutions, Hutchinson provides standard and tailor-made O-Rings, X-Rings, Bonded Seals and special-shaped seals. All compounds and parts are developed and manufactured in our plants, using the highest standards in the industry.



SECURE YOUR PRODUCTION

Stationary, agricultural and construction machinery operate under extreme conditions and have a lifespan of several decades.

The quality of the seals is important to ensure a safe environment and the durability of the machinery.

Hutchinson has the TS16949 and ISO9001 certifications, a Oppm-Quality system and related documentation such as PPAP. This enables us to meet the safety and long term durability requirements of the non-road heavy equipment market.

For diesel engines, drive trains, filters, HVAC, hydraulic equipment and fuel lines, Hutchinson offers NBR, EPDM and low temperature FKM.

For oil and transmission applications, high performance AEM and HNBR materials are available.



With Hutchinson, you have the guarantee of in-house manufacturing, highest quality levels and outstanding sealing performance over a long time

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



TAILOR-MADE SOLUTIONS

- Development according to your specifications
- > Compounds and solutions optimizing assembly, friction etc...
- > Characterization & soaking tests in our laboratories
- > Finite elements calculations
- > Hardness from 50 to 98 Shore A
- > Temperatures from -50°C up to +320°C
- > From low to high pressure



BONDED SEALS

- > Bi-material seals (metal/rubber) used for screw, bolt, connector or flange assembly.
- > Widely used in hydraulic connectors and fuel return lines.
- > Various metal/rubber combinations available.
- > Self-centralizing.
- > Low torque required for safe sealing

COMPOUNDS

Family	Compound	Color	Hardness	Temperature range	Peak Temperature
HNBR	7DT1593	black	72	-30 - 130°C	170°C
HNBR	7DT2072	black	72	-50 - 130°C	160°C
HNBR	8DT1724	black	82	-30 - 130°C	170°C
HNBR	9DT1889	green	90	-30 - 125°C	165°C
HNBR*	7DT2080	brown	75	-30 - 130°C	170°C
NBR	PB701	black	68	-30 - 100°C	120°C
NBR	7PB496	black	70	-30 - 110°C	130°C
NBR	PD853	black	80	-45 - 90°C	120°C
FKM	DF701	black	66	-25 - 200°C	250°C
FKM	7DF2148	black	70	-35 - 200°C	250°C
FKM	7DF2371	black	70	-40 - 200°C	250°C
FKM	DF801	black	78	-25 - 200°C	250°C
FKM	DF901	black	90	-25 - 200°C	250°C
AEM	7DE2138	black	73	-40 - 160°C	175°C
ACM	DA80	black	74	-20 - 150°C	175°C

*self lubricating





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