

deutschland australia canada
österreich italia france
united kingdom u.s.a schweiz

Quality sealing solutions
for Food Processing Equipment

ECONOMOS®

quality sealing solutions

NSF®

Food

ECONOMOS® has world class expertise in sealing and material science.

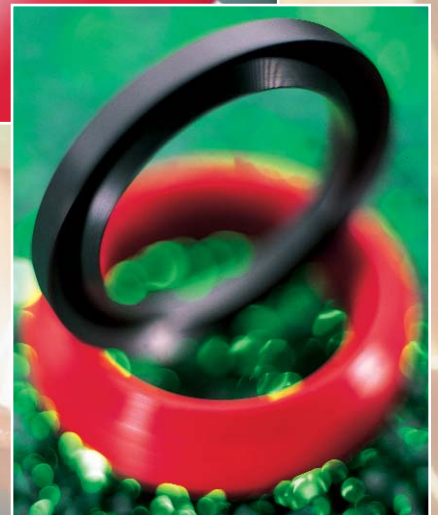
Our engineers and chemists are continually improving our products, with one aim, to provide the best possible sealing solutions for our customers.

Economos® is the leading manufacturer of specialist seals and ancillary components for the Food & Beverage Production Industry. The Economos®-developed manufacturing system is based on a highly sophisticated CNC machine, which turns rather than moulds seals, sealing elements and ancillary items of almost any profile, either for long or short runs and prototypes, to order without lead time delays. Our portfolio of world class materials is at the forefront of sealing technology, from rubbers, PTFE's and plastics through to our own exclusive H-Ecopur polyurethane, all food compliant and with the ability to cope with the most demanding of environments.

Economos® products are well known and are specified by many of the leading companies in many different industries worldwide and are renowned for their longevity and ability to outperform traditional seals. These factors are becoming more and more appreciated in the food and beverage industry, where the trend is for increased productivity, less downtime and better hygiene.

The secret is in the in-house research centre where the materials and profiles are developed, this enables Economos® to offer solutions for all sealing situations, which not only provide cost and supply advantages but also enable processing machinery to operate much more effectively for longer periods.

Supplying a wide range of applications in the food and beverage industry, including many in the bottling, canning and food machinery sector, our global experience is at our customers' command. Wherever seals and seal components are required Economos® can provide Quality Sealing Solutions fast.



STANDARD RANGE OF FOOD COMPLIANT MATERIALS

ELASTOMERS

EPDM
SILICONE
NITRILE
POLYURETHANE
(H-ECOPUR®)

PLASTICS

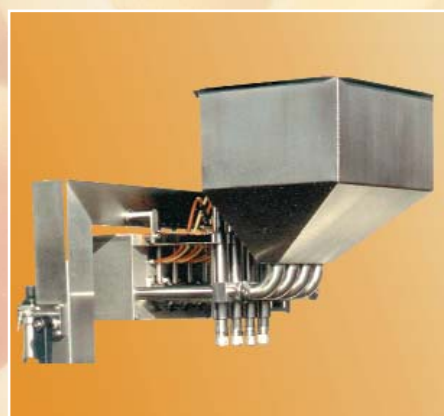
UHMWPE
ACETAL
PEEK
NYLON
VIRGIN PTFE

OTHER MATERIALS ON REQUEST

The Cure For The Common Mould

Custom Seals For Food Processing

For food processors, canners and bottlers, Economos has the answers. We can provide a complete service from machine or process design, prototype to production, OEM replacement to inventory evaluation. As a manufacturer we can understand your needs and satisfy them. All our branches can manufacture what you require when you require it - irrespective of size, profile or quantity - same day if necessary!

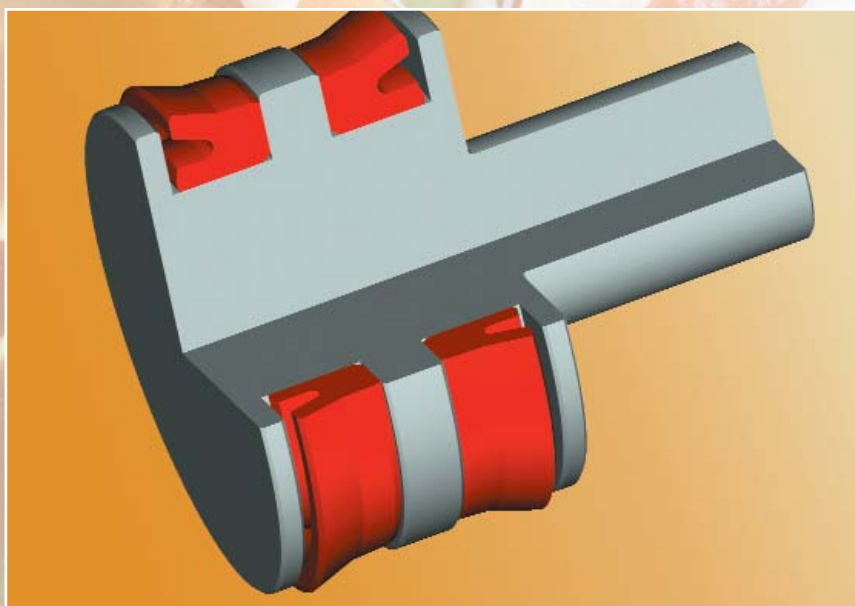


Pictures courtesy of Apple Engineering Ltd.

TYPICAL APPLICATIONS

Suction cups, Can flange seals, Guide bushes
Valve stem packings, Bottle top seals, Rollers
Pump packings, O-rings, Centre column seals
Filling head seals, Pneumatic U-cups, Depositor seals
Distributor seals, Pigging seals, Ball valve seats
Seal kits etc...

Example of longlife depositor seal



Material science is an Economos® strength. For instance, our world class polyurethane H-ECOPUR is not only FDA compliant, but is also resistant to hot water, caustic solutions and just about anything else found in the food and beverage industry. This material outperforms conventional materials in most applications, particularly depositor seals and filling head seals.

All the Economos® materials are similarly designed to provide serious benefits to the user - cost effectively.



A Lasting Partnership

In an effort to bring you the highest quality sealing solutions, we have developed a long-term partnership with the industry leader ECONOMOS®. Not only does ECONOMOS® bring years of experience in sealing technology to the table, they also bring the innovation that sets them apart from the competition. From this partnership, ECONOMOS® USA brings you the expertise of ECONOMOS®, with the immediate delivery time of a company here in the United States.

Machined Seals – To Your Specifications

Designed for any application, ECONOMOS® plastic and rubber compounds are machined to your exact specifications by our expert operators to provide high performance and zero tolerance quality sealing solutions... every time.

Custom Made Seals – Just in Time

Minimize costly downtime. Three in-house SEALJET machining centres enable ECONOMOS® USA to provide immediate delivery anywhere in USA.

The ECONOMOS® USA Advantage

- No Mould or Tooling Charges
- Large Diameter Seals up to 4.000mm
- Delivery on Demand
- No Stock Commitments
- Laser Etching Capabilities
- Food Compatible Compounds

ECONOMOS®

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