



ZAVA® SEAL-RING with Quick-Lock

ZAVA® Seal-Ring - the innovated *split and lockable O-Ring with Quick-Lock* - is today used within pulp- and paper industry all over the world. It is made of modified rubber material, 90-55, which is suitable for continuous operating temperatures up to 105°C (221°F) in aggressive chemical solutions, including chloride. A patented **quick-lock** made of SS 2343 material makes the ZAVA® Seal-Ring **fast and easy to assemble** without vulcanizing and shutting down the filter. An undertaking that would otherwise take three or four hours. Once you closed the Seal-Ring you can't open it again! Do you want an **environment friendly** place of work? **Save both your time and your money** – use **ZAVA® Seal-Ring**. Reduce leakage, fiber loss, erosion of floor surfaces, contamination of air and improve mill appearance by making ZAVA® Seal-Rings part of your seal program.

The ADVANTAGES of ZAVA® Seal-Ring

- Split and lockable
- Maximal reduce of leakage
- Saves time and money
- Fast and easy to assemble
- Assembles without vulcanizing
- Unique patented quick-lock
- Elastic and workable
- Reduce fiber loss
- Reduce axlewear
- Durable in aggressive chemical solutions, including chloride
- Long service life
- Comes in different sizes

Sealing technology for:

Brown stock washing | Bleach washing | Deckers | Savealls | Repulpers
Oil Seals | Agitators | Presses | Other low speed equipment



Technical Data

Locking pin: SS 2343 (equivalent to 317-L for corrosion resistance)

Tensile strength: 2500 psi

Operating temperature: Up to 221°F (105°C)

Fluid resistance: pH 2.5 – 12

Maximum operation speed: = 10 feet per second
(3 meters per second)

Suitable for use with: Lubricating oils, hydraulic fluids, pulp solutions with SO₂, ClO₂, NaOH, Na₂S, CaO, Cl, H₂O, NaCl, red liquor, brown stock and normal concentrations of most chemicals used in pulp and paper mills.

Do not use: with fireproof hydraulic fluids or concentrated acids.

Use ZAVA® Seal-Rings with this equipment:

- Beloit: Washers; journal, repulper and V-groove seals
- Celleco Hedemora: Disc filters, pressure washers; vat, tail shaft, repulper seals
- Dorr-Oliver: Vacuum washers, disc filters, deckers; vat, valve
- Eimco: Washer vat and valve seals
- Impco: Pressure and vacuum washers, deckers, agitators, presses; vat, Valve, packing box and oil seals
- Kamyr: Diffusion and peripheral valve washers; V-groove seals and top scraper seals
- Lightnin: Agitator packing box seals
- Prochem: Agitator packing box seals
- VALMET: Vacuum washers, pressure washers, displacement presses; vat, drop leg, oil seals, exclusion seals

The ZAVA® Seal-Ring can, in some cases, also replace a V-ring seal.

Ordering information:

ZAVA® Rings are made to size and come ready to install.

When ordering: Specify the ring cross section size, shaft diameter and type of application such as: vat seal, oil seal, V-groove etc. ZAVA® Rings are available in cross sections of 1/2", 5/8", 3/4" and 1" (13, 16, 20, and 25 mm) and are available for any shaft diameter over 3.75" (100 mm).

Ordering:

zava@zava.se

Contact:

Zuzana Sramek, VD | +46 70 317 35 39 | zuzana@zava.se

ZAVA Tec AB | zava.se



HISTORY

ZAVA® Seal-Ring was invented by Frans Sramek in 1986. The Östrand mill of SCA Pulp was looking for a solution to the typical seal problems with washer vat and vacuum seals. "Finally" was the reaction when the ZAVA® Seal-Ring was invented, of those who have been constant changing rubber seals on VFA and CCA filters at pulp plants the world over. The four hours of unpleasant work was cut to under a minute.

ZAVA® Seal-Rings have been used by Scandinavian Industry since 1986 and have been installed in North America since 1990. Now they are used all over the world.