

DICHTOMATIK Americas
 1087 Park Place | Shakopee, MN | 55379

To whom it may concern,

Due to the strong relationship between shelf-life and storage/preservation practices outside the control of Dichtomatik, Dichtomatik is not able to guarantee or ensure that its products will reach a specific age without degradation.

Dichtomatik can provide recommended storage and preservation practices to aid in maximizing the shelf-life of its products and provide guidance on the maximum recommended shelf life in accordance with ISO 6194-3 : 1998 Part 3. However, this is not a binding specification and is only intended for reference and best practices.

- **TEMPERATURE:**
 - The ideal temperature for rotary shaft lip type seal storage is 15°C to 30°C (59°F to 86°F).
- **HUMIDITY:**
 - Average relative humidity should be maintained between 40% and 70%.
- **OXYGEN/OZONE EXPOSURE:**
 - Rotary shaft lip type seals should be stored so that they are away from any direct or reflected sunlight that may be emitting ozone.
 - Electrical equipment that creates ozone should not be placed in areas where rotary shaft lip type seals are stored.
- **RADIOACTIVE MATERIALS AND FUMES**
 - Rotary shaft lip type seals should be protected from radioactive materials and certain fumes.
- **INSECTS AND RODENTS**
 - Radial shaft lip type seals should be protected from exposure to insects and rodents during storage. Some insects and rodents may destroy the seals if it gained access to them.
- **DUST, GRIT, AND MECHANICAL DAMAGE**
 - Sealing lips should be protected from dust and dirt during storage of the seal. The seal should be left in their original wrapping or in a closed-container until it is time to install the seals into the application (a closed container should provide protection from mechanical damage, dust, grit, and other contaminants).

If all of the above practices are followed, the maximum recommended shelf-life of a part is dependent on the elastomer material:

ELASTOMER	MAX. RECOMMENDED SHELF LIFE [YEARS]
PU, Thermoplastics	5
NBR, HNBR, CR	7
EPDM, ACM	8
FKM, VMQ, FVMQ	10
PTFE	Unlimited

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