

# Preventing Leakage of Contaminants to the Environment

gevasol  
**Ping**

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## Ettem's double mechanical seals meet environmental requirements for emission reduction.

The double mechanical seal comprises two seals arranged in a series:

- The inboard, or "primary seal," keeps the product within the pump housing.
- The outboard, or "secondary seal," prevents the flush liquid from leaking.

Double seals provide a level of emission compliance not possible with single seals. This compliance is essential when pumping or mixing dangerous and toxic substances.

The demand for double mechanical seals to reduce the release of harmful media is growing across industries.

### Main features

- Prevent leakage into the atmosphere/environment
- Meet environmental protection requirements
- Prevent the process fluid from becoming contaminated
- Lubricate the inner face of the seal

### Applications (industries):

- Oil and gas production
- Offshore oil platforms
- Pumps and compressor OEM's
- Coal gasification
- Chemical and petrochemical
- Refinery
- Waste water
- Pharmaceutical

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