Mechanical Seal Support System Solutions

Compatible. Reliable. Safe

Guided by API 682: Pumps – Shaft Sealing Systems for Centrifugal and Rotary Pumps

Based on API 682 fourth edition standards, Swagelok seal support system designs avoid pipe threads and limit the number of connections wherever possible.

- Designed intuitively for simplified operations and maintenance
- Compatible with existing pump
- Reduced thread connections where costly leaks occur
- Innovative use of components
- Limited Lifetime Warranty
Seal Plan Assemblies and Kits

Seal Plan Assemblies
Seal plan assemblies are panels, seal pots, or skid systems that comprise most of the API seal support plans. The seal plan assembly ordering and numbering structure allows users to select a variety of configurations and additional system components to meet specific site or application requirements.

Seal Plan Kits
Seal plan kits are a collection of components that are used to help ensure the support system is properly installed or connected to the pump. Some API plans are detailed only as a kit of components that are ready for field installation due to the simplicity of the arrangements.

Configurable
All our seal support plans are designed using API 682-recommended best practices. Combined with Swagelok’s fluid systems expertise, each design can be customized to be easy to use, easy to maintain, and safe to operate.

Some of Our Offerings

API 32

API Plan 32
Panel shown with some optional components.

API Plan 32 Kit
Kit contents shown solid and include optional components.

API 52

API Plan 52
Assembly shown with some optional components.

API Plan 52 Kit
Kit contents shown solid and include some optional components.
API 53A

API Plan 53A
Panel shown with some optional components.

API Plan 53A Kit
Kit contents shown solid and include optional components.

API 53C

API Plan 53C
Assembly shown with some optional components.

API Plan 53C Kit
Kit contents shown solid and include optional components.

API 54

API Plan 54
Panel shown with some optional components.

API Plan 54 Kit
Kit contents shown solid and include optional components.

API 72/76

API Plan 72/76
Panel shown with some optional components.

API Plan 72/76 Kit
Kit contents shown solid and include optional components.
Better by Design

Reduced Leak Points

Extended Male Connector

Thermowell Tee

Integral Orifice Flange Adapter

Orifice Union