



Cartridge seals are complete seal units containing a gland, flush ports, sleeve, seal faces, o-rings, set screws, and gaskets. Double seals provide an extra safety factor for those problem applications.

Nothing is simpler to install or more reliable than a cartridge seal.

Mechanical Seals

- Double Spring Seals
- Multi-Spring Seals
- Bellows Seals
- Cartridge Seals
- Stationary Seats

Braided Packing

- Valve Packing
- Pump Packing

Gasket Material

- PTFE Sheet
- Non-Asbestos Grafoil
- Rubber

O-Rings

- Kits
- PTFE
- Buna
- Viton
- EPDM
- Aflas

PTFE

- Joint Sealant Sheet
- O-Rings
- Lubricants
- Expanded PTFE Gaskets

Grafoil

- Sheet
- Ribbon Pack
- Braided Packing

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4" cartridge style seal AST 80

1 Quantity

AST80-4000CS

Price: \$4530

Our Style 80 seal represents the finest in double seal cartridge seals. If you can install packing you can install the AST 80 quicker and easier without pump modification*. The style 80 is designed for a wide range of seal service applications.

Metal Components: 316 SS standard. Alloy 20 and Hastelloy C-276* available

Rotating Seal Face materials: P-658RC Carbon vs Silicon Carbide

Springs: Hastelloy C-276

O-Rings: Fluoroelastomer installed, EPDM supplied as alternate.

Aflas or Kalrez O-rings also available.

OPERATING LIMITS:

Pressure: 28 in (710 mm) Hg vacuum to 400 PSIG (28 bar) maximum, depending on shaft size and speed.

Temperature: -20°F to 400°F (-30 C to 205°C)

with Viton O-rings;

-65°F to 300°F (-55°C to 150°C) with EPDM

***The AST 80 seal fits all ANSI pumps which use 3/8" or larger cross section packing and have at least a 1-1/2" deep stuffing box with no modification to the pump required**