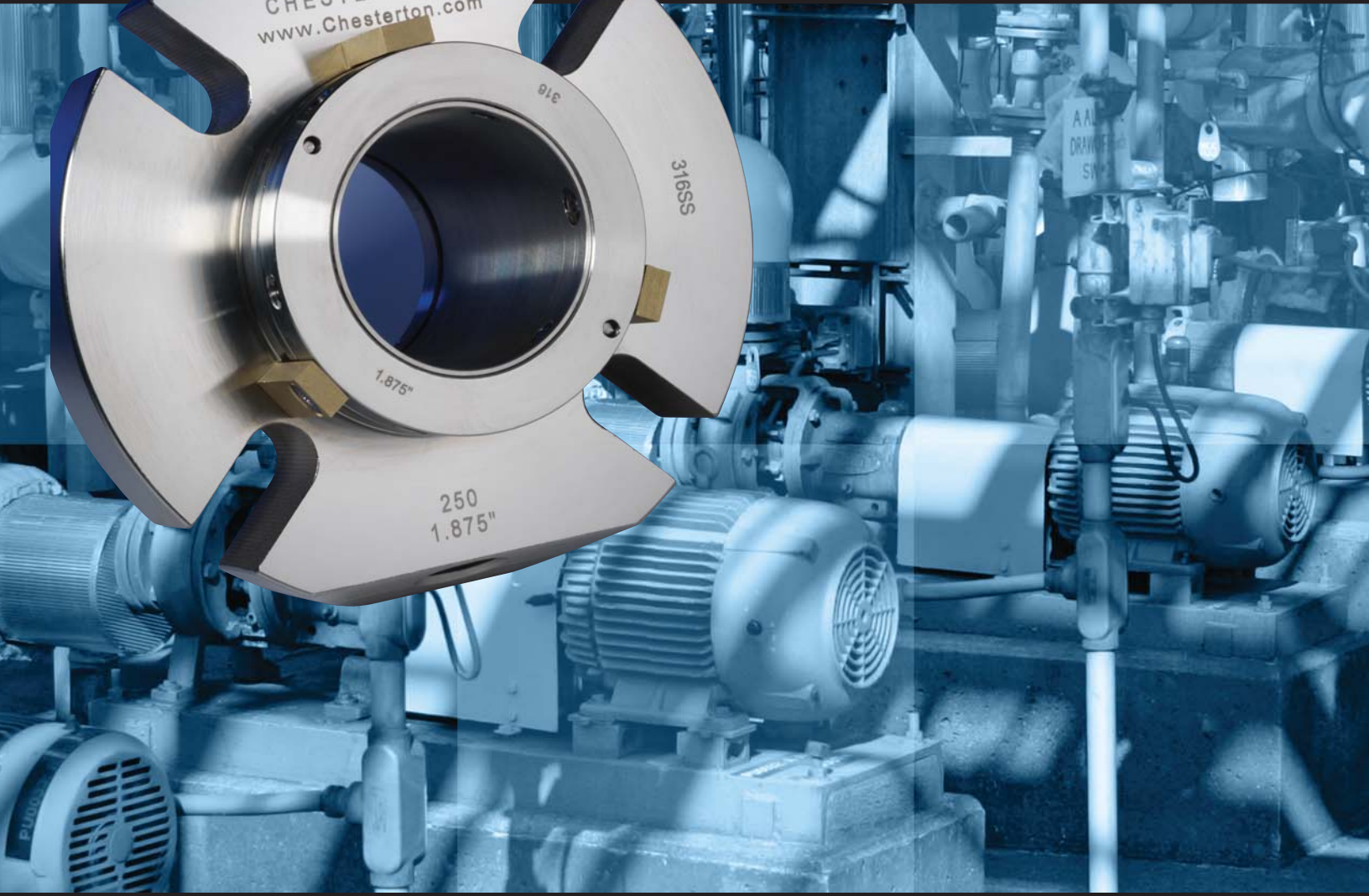
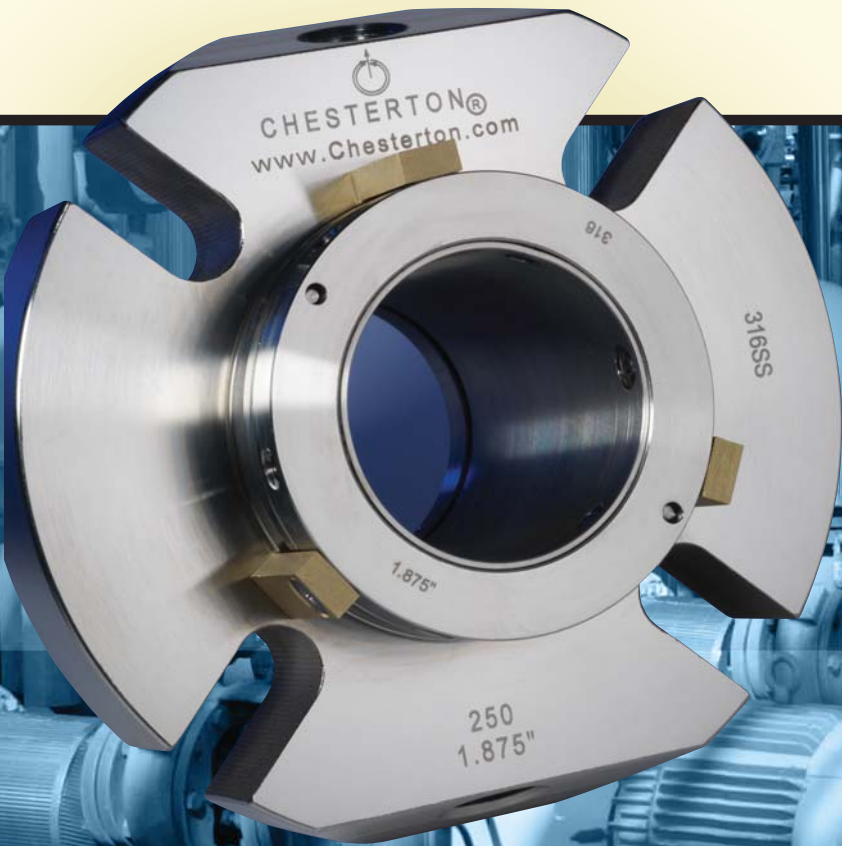


# 250

## DUAL CARTRIDGE SEAL

FOR GENERAL INDUSTRIAL APPLICATIONS



# GENERAL INDUSTRIAL SEALING

# 250

## SIMPLE, RELIABLE, AND AFFORDABLE

*Chesterton's 250 dual cartridge seal is a value leader in its class. With proven Chesterton quality, it is the ideal choice for increasing seal performance when your current sealing method is not meeting expectations.*

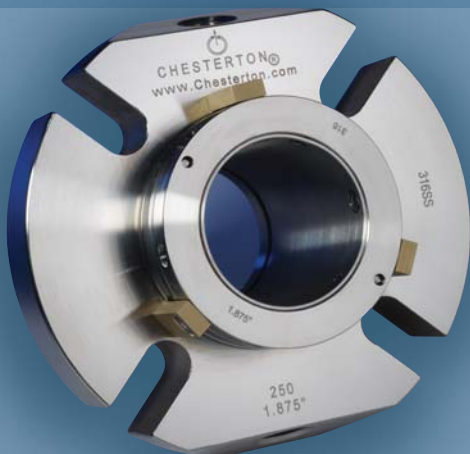
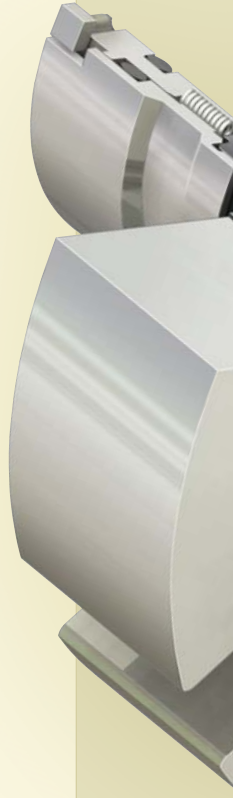
The 250 dual seal provides sealing security that conventional single seals cannot match. A durable secondary seal provides the opportunity for scheduled maintenance, thereby avoiding unplanned downtime and production losses.

Advantages of upgrading to the 250 preassembled dual cartridge design:

- Provides clean barrier fluid for seal face lubrication
- Improves cooling for higher temperature applications
- Increases seal life with a proven, double balanced design
- Eliminates leakage associated with single seal failures



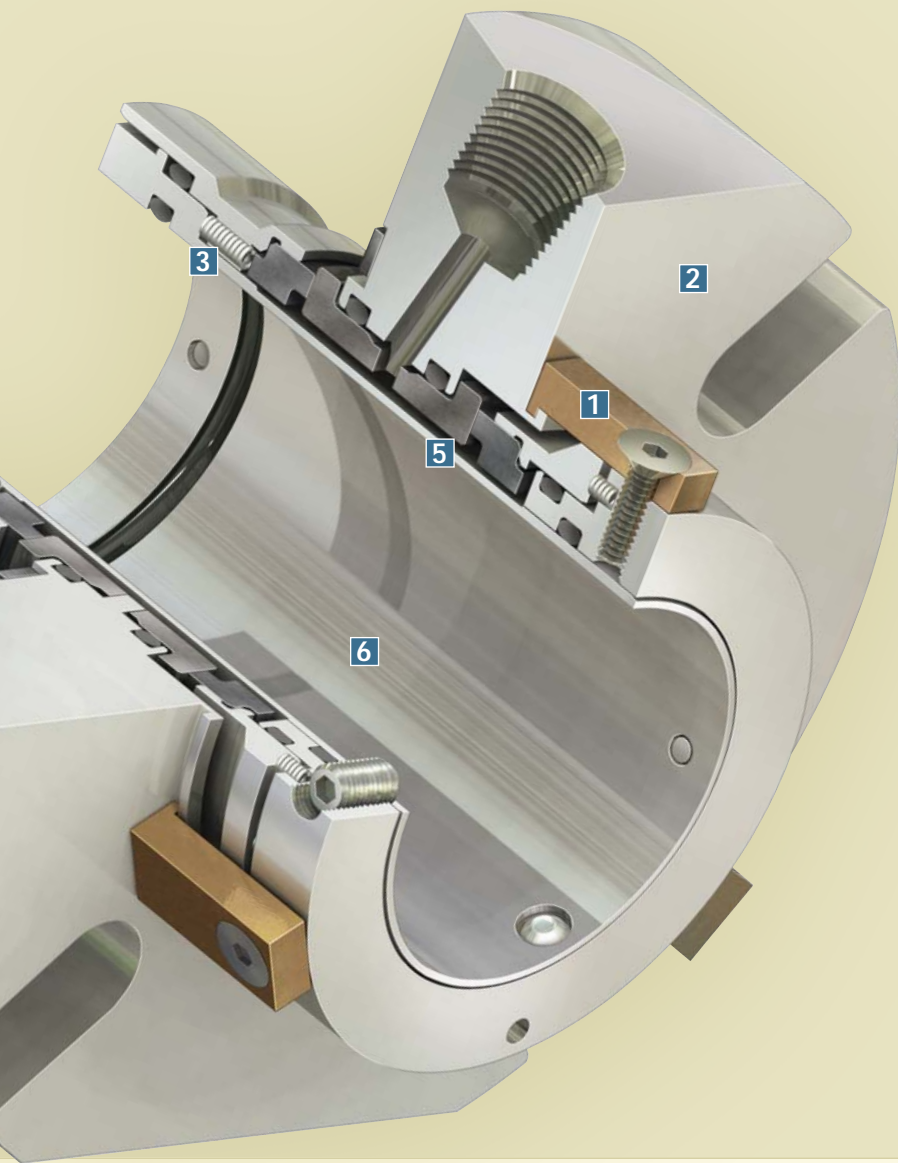
4



**The 250 dual cartridge seal is the economical solution to meet the needs of today's industry.**

- Constructed of high quality materials
- Fits popular ANSI/ISO and vertical pumps
- Fast and easy installation
- Field and factory repairability
- Worldwide, off-the-shelf availability





**1 Installs Easily and Accurately**

Multi-directional centering clips automatically position the seal and set consistent spring pressure.

**2 Enhances Circulation**

The gland design produces increased barrier fluid flow, providing better cooling capability. This is beneficial in installations using barrier fluid tanks.

**3 Avoids Clogging**

Multi-coiled springs provide even, consistent face load, and are placed out of the sealing fluid to avoid clogging.

**4 Enhanced Torque Capabilities**

Heavy-duty drive lugs reduce wear damage and handle higher starting torque.

**5 Optimized Seal Face Geometrics**

Through finite element analysis, the composite seal face design is optimized to improve lubrication and extend seal life.

**6 Durable, Balanced Design**

Double balance provides improved sealing performance when pressure fluctuations occur.

**Standard Offerings**

Size Range	1" (25mm) – 4.75" (120mm)
Hardware	316 Stainless Steel
Seal Face Combination	CB/SSC/SSC/CB SSC/SSC/SSC/CB
O-Rings	EP, FKM, and Aflas™ as standard Chemlast™ available upon request

**Operating Parameters**

Operating Speed	Up to 3600 RPM
Pressure Rating*	Vacuum to 300 Psig (20 bar g) process pressure 150 Psig (10 bar g) maximum barrier pressure
Temperature	-20°F to 400°F (-30°C to 200°C)

\*Seal pressure capabilities are dependent on the fluid sealed, temperature, speed, and seal face combinations.



## GLOBAL SOLUTIONS, LOCAL SERVICE

Since 1884, Chesterton has been providing value driven solutions to meet industry's needs. Chesterton solutions have been implemented around the world with documented success and recognition. Increasing equipment reliability, optimizing energy consumption, and providing local technical support and service are what Chesterton offers industry worldwide.

- Servicing Plants in Over 100 Countries
- Global Manufacturing Operations
- Over 500 Service Centers and Sales Offices Worldwide
- Over 1200 Trained Local Service Specialists and Technicians

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