Mining Industry Digital Catalogue

CHESTERTON®

Global Solutions, Local Service.

Mechanical Seals

Our award-winning, innovative mechanical seals for pumps, agitators, mixers and other rotating equipment simplify installation, improve reliability and extend fluid management performance.

Chesterton 170L Slurry Cartridge Single Seal

Chesterton 170L is designed for sealing mineral-based process materials such as ores, limestone, coal, sugar, and phosphates. The innovative, non-clog seal uses a unique coil spring design in which the springs are located entirely outside the seal. It is engineered to fit Warman® AH® series pumps without modification.

Read more

Chesterton 180H Single Cartridge Seal

An exceptional high temperature seal, the Chesterton180H Single Cartridge Seal uses an advanced hydropad geometry seal face that improves film formation between the mechanical seal faces and significantly enhances face lubricity. The increased film formation between the faces reduces heat generation and increases seal life in many high temperature applications.

Read more

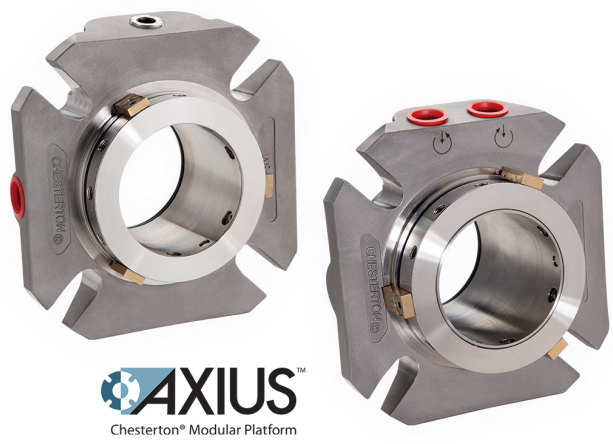
Contact our experts

Mechanical Seals

Our award-winning, innovative mechanical seals for pumps, agitators, mixers and other rotating equipment simplify installation, improve reliability and extend fluid management performance.

Chesterton 1810 / 2810 Single and Double Mechanical Seals built on AXIUS™

These seals can be customised quickly and easily to suit your application. Such flexibility allows you to make reconfigurations quickly, even in the field, to meet the changing demands of your process. Easily upgrade seals during overhaul to improve performance and extend production time; there's no need to buy a different seal.



Read more

Chesterton Modular Seal Support Tank Systems

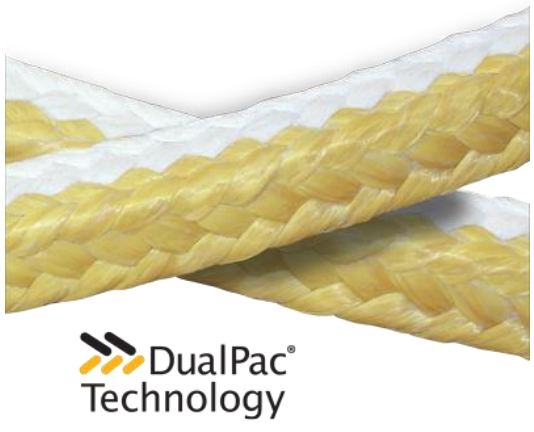
Chesterton offers a variety of products designed to improve seal performance levels by enhancing the envir onment in which they operate. Our product recommendations take into account the overall equipment set-up and challenges to arrive at a comprehensive, long-term solution that increases the life of valuable equipment, maintains optimal uptime and drives profitability.

Read more

Contact our experts

Packing

Chesterton offers advanced packing products and applications expertise designed to reduce leakage and increase performance.
Chesterton offers extensive experience in sealing applications for rotating equipment, including design, selection, installation, testing and more. Our innovative and award-winning packaging solutions reduce the pump's energy requirement and produce less losses, reducing total pump lifecycle costs.



Chesterton DualPac® 2212

Chesterton® DualPac 2212 is created using our patented DualPac Technology, which combines a burn-resistant material on the packing's shaft side with a highly resilient outer fiber. This formulation creates a unique, long-lasting packing that uses the gland load more efficiently and achieves a reliable and quicker break-in period. This ability keeps the packing internally loaded against the rotating member while, at the same time, resisting burning and shaft scoring. DualPac 2212 gives users peace of mind in the toughest sealing applications.

Read More

Chesterton DualPac® 2211

Chesterton DualPac® 2211 is built to address these issues by combining two complimentary materials in one packing. Using our patented braiding technology graphite filled ePTFE can be placed against the shaft where it provides superior sealing and low friction, and a high strength and resiliency aramid is placed against the stuffing box bore to resist consolidation without shaft wear. Both lab and field tests have shown that DualPac requires fewer gland adjustments, resulting in drastically extended life in severe service applications.

Read More

Contact our experts

Packing

Chesterton offers advanced packing products and applications expertise designed to reduce leakage and increase performance.
Chesterton offers extensive experience in sealing applications for rotating equipment, including design, selection, installation, testing and more. Our innovative and award-winning packaging solutions reduce the pump's energy requirement and produce less losses, reducing total pump lifecycle costs.

Chesterton 1830 SSP Slurry Pump Packing

Chesterton 1830SSP Slurry Pump Packing is manufactured with a hybrid yarn, combining advanced, expanded, graphite PTFE yarn with carbon yarn reinforcement. This unique construction of yarns yields a packing that is easily removable during repack, resulting in reduced downtime. 1830SSP can be used in a wide range of slurry sealing applications, from a submersible slurry pump to a mining slurry pump.

Read More

SpiralTrac™ Technology

The SpiralTrac™ Environmental Controller is a unique, patented throat bushing specially engineered to transform and control the internal stuffing box environment in rotating process equipment.

With unique versions designed to work with both mechanical seals and packing, SpiralTrac™ has set the standard in industrial process applications worldwide for increasing equipment reliability, decreasing housekeeping cost and reducing flush requirements.

Read More

Contact our experts

Polymer Seals

Chesterton's wide range of high performance hydraulic seals are made from exclusive polymeric materials for use in a wide range of demanding industrial seal applications. These seals have no size limits and are designed to optimize equipment performance.

Mobile Mining Kit

Chesterton's industry-proven hydraulic sealing solutions provide maximum value by extending the hours of operation between maintenance intervals of your equipment and increasing overall asset life. Our custom and turnkey cylinder repair kits combine proprietary polymer technologies with unique seal geometries to increase reliability and improve productivity.

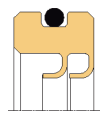
Read more

Chesterton 30K Advanced Lip Seal

Manufactured from advanced PTFE materials, Chesterton 30K has proven to outperform conventional rubber-based products under similar conditions.

Read more

PRODUCT PROFILE



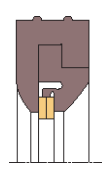
30K

Chesterton 33K Split Rotary Seal

Chesterton's patent-pending 33K Split Rotary Seal can be used in many non-pressure applications, including bearing protection for pumps, gearboxes and rollers.

Read more

PRODUCT PROFILE



33K

Contact our experts

Polymer Seals

Chesterton's wide range of high performance hydraulic seals are made from exclusive polymeric materials for use in a wide range of demanding industrial seal applications. These seals have no size limits and are designed to optimize equipment performance.

Chesterton 14K Restriction Bushing

Chesterton 14K Restriction Bushings are used in rotary equipment to form a barrier between the sealing device in the stuffing box or the pump impeller housing and the fluid in the mixing tank.

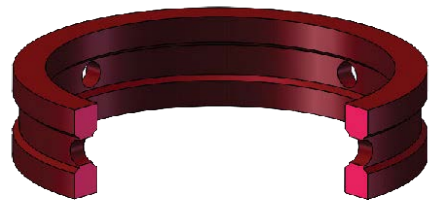
Read more

PRODUCT PROFILE SUGGESTED

R14K

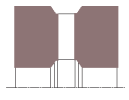
Chesterton 14K Lantern Rings

Chesterton 14KL Lantern Rings are used in rotating equipment to improve lubrication as well as cooling for packing rings and lip seals by distributing the liquid uniformly around the circumference of the shaft, where the external lubrication is utilized.

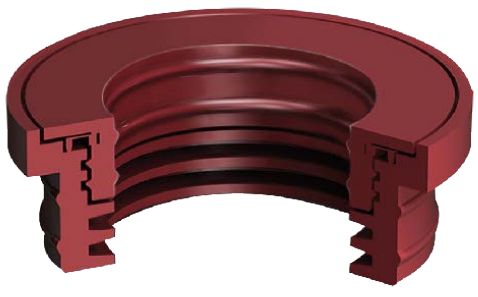


Read more

PRODUCT PROFILE



14KL

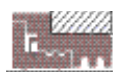


Chesterton Polymer Labyrinth Seal

The Chesterton patent-pending Polymer Labyrinth Seal (PLS) is a non-contact bearing seal designed to provide protection for pumps, gearboxes, and other rotating equipment in splash applications.

Read more

PRODUCT PROFILE SUGGESTED



PLS1

Contact our experts

Industrial Lubricants

Chesterton's industrial lubrication solutions are designed to reduce operating costs by extending equipment life and improving plant efficiency. High-performance industrial greases, oils and compounds are designed to provide corrosion protection, save energy and reduce the use of lubricants.

Chesterton 615 HTG: High-Temperature Greases

High-performance, corrosion-inhibited, water-resistant grease. Outstanding extreme pressure capabilities and excellent water washout resistance. Temperature limit -40° C (-40° F) to 204° C (400° F). Ideal for demanding conditions of temperature, water, corrosion, and heavy loads.

Read more

Chesterton 690 FG: H1 Food-Grade Lubricant

Cost-effective, high-quality, multi-purpose, non-staining penetrating lubricant. NSF registered H1 for incidental food contact; meets FDA standards. Fortified with extreme pressure and anti-wear additives.

Read more

Contact our experts

Industrial Lubricants

Chesterton's industrial lubrication solutions are designed to reduce operating costs by extending equipment life and improving plant efficiency. High-performance industrial greases, oils and compounds are designed to provide corrosion protection, save energy and reduce the use of lubricants.

Chesterton 630 SXCF

High-performance, corrosion-inhibited grease with outstanding extreme pressure capabilities and excellent water washout resistance. 630 is synthetic based, and offers superior high-temperature stability and resistance to steam and cleaning chemicals. 630 is NSF Registered H1 and complies with FDA regulations 178.3570. Temperature limit -40° C (-40° F) to 240° C (464° F).

Read more

Chesterton 635 SXC

High-performance, corrosion-inhibited grease with outstanding extreme pressure capabilities and exceptional water washout resistance. Chesterton 635 SXC is synthetic based and offers superior high temperature stability as well as resistance to steam and corrosive chemicals. Temperature limit -40° C (-40° F) to 240° C (464°F).

Read more

Contact our experts

ARC Industrial Coating

Industrial equipment and plant resources are often subject to extreme forces such as abrasion, erosion, chemical impact which can significantly affect the overall reliability and profitability of the plant. From storage tanks and pumps, to containment structures and fans, Chesterton helps protect valuable resources and maintains plant uptime with innovative industrial coating solutions for metal and concrete surfaces.

ARC BX1

100% solids, modified epoxy formulation, reinforced with a proprietary blend of ceramic beads and powders for severely abrasive, sliding wear environments.

Read more

ARC BX5 (MX5)

ARC BX5's unique surface-tolerant, rapid-curing chemistry allows you to apply the product to marginally prepared surfaces and then return equipment back to service in as little as one hour (at room temperature). Once cured, the high loading of ceramic particles in the film resists aggressive abrasion conditions under wet or dry service conditions.

Read more

ARC MX1

100% solids, ceramic reinforced, multi-component system, formulated for extreme impact, and sliding-wear abrasion, and impact caused by medium to coarse particle flow.

Read more

Contact our experts

ARC Industrial Coating

Industrial equipment and plant resources are often subject to extreme forces such as abrasion, erosion, chemical attack which can significantly affect the overall reliability and profitability of the plant. From storage tanks and pumps, to containment structures and fans, Chesterton helps protect valuable resources and maintains plant uptime with innovative industrial coating solutions for metal and concrete surfaces.

ARC 858

100% solids, thick film, ceramic reinforced abrasion control epoxy compound formulated to protect metal surfaces subjected to erosion, corrosion, and chemical attack.

Read more

ARC SD4i

100% solids, advanced reinforced thin film coating to protect structures and equipment in extreme immersion services.

Read more

Contact our experts

Global Solutions, Local Service

Since its founding in 1884, the A.W. Chesterton Company has successfully met the critical needs of its diverse customer base. Today, as always, customers count on Chesterton solutions to increase equipment reliability, optimize energy consumption, and provide local technical support and service wherever they are in the world.

Chesterton's global capabilities include:

- Servicing plants in over 113 countries
- Global manufacturing operations
- More than 500 Service Centers and Sales Offices worldwide
- Over 1200 trained local Service Specialists and Technicians

Visit our website at chesterton.com

KEEPING THE PLANET CLEAN
CHESTERTON

Chesterton ISO certificates available on
chesterton.com/corporate/iso

Technical data reflects results of laboratory tests and is intended to indicate general characteristics only. A.W. Chesterton Company disclaims all warranties express, or implied, including warranties of merchantability and fitness for a particular purpose. Liability, if any, is limited to product replacement only. Any images contained herein are for general illustrative or aesthetic purposes only and are not intended to convey any instructional, safety, handling or usage information or advice respecting any product or equipment. Please refer to relevant Safety Data Sheets, Product Data Sheets, and/or Product Labels for safe use, storage, handling, and disposal of products, or consult with your local Chesterton sales representative.

© 2020 A.W. Chesterton Company.
® Registered trademark owned by A.W. Chesterton Company in USA and other countries, unless otherwise noted.

CHESTERTON®
Global Solutions, Local Service.

Chesterton Asia Pacific
Chesterton Customseal
95 Excellence Drive,
Wangara, WA, 6065

chesterton.com
chestertoncustomseal.com.au

Form No. AUMKT0012
04/20