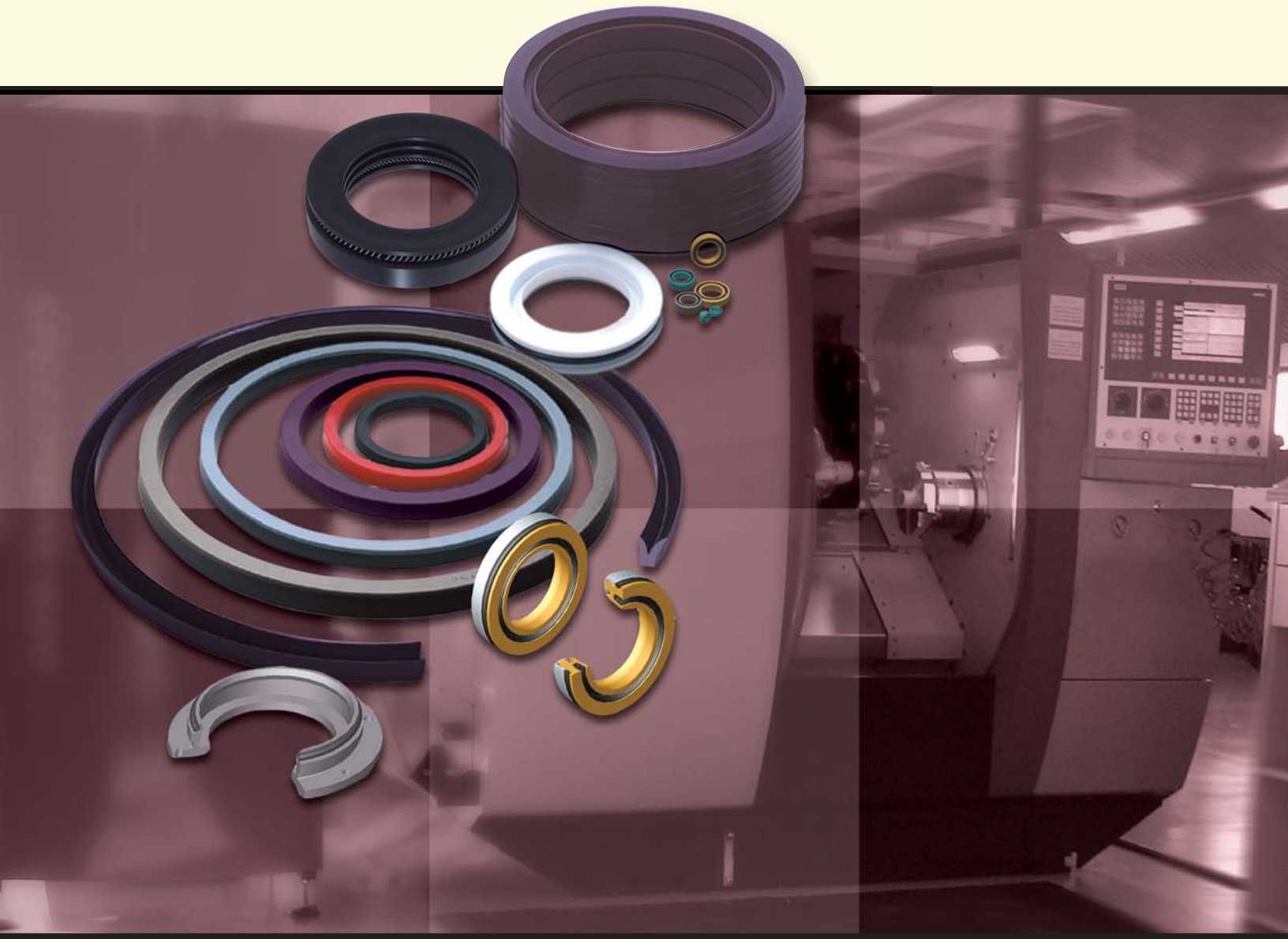


ENGINEERED POLYMER SOLUTIONS

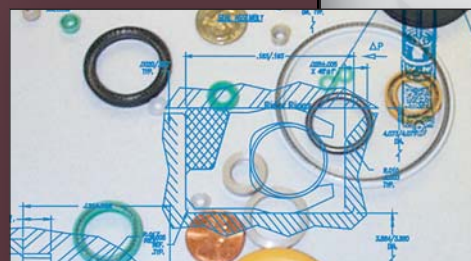
SPEEDSEAL®
PROGRAM



SPEEDSEAL®

Fast and flexible

- Trusted, quality products
- Superior materials
- Proven designs
- On-site consulting
- Made-to-order product
- Same day delivery



SPEEDSEAL[®]

PROGRAM

Speed of service,
Advanced materials,
Innovative designs

For decades, Chesterton[®] has been the manufacturer of choice for polymer sealing solutions where reliability makes the difference. Our SpeedSeal Program brings same-day service to customers worldwide. Strategically located, our integrated service centers use innovative manufacturing methods to provide you with a broad selection of proven designs and a wide range of high performance materials. The SpeedSeal Program is backed by a network of skilled Field Specialists who offer the best service available in the industry.



Dedicated Service Centers Around the World

SpeedSeal service centers are fully-integrated manufacturing facilities that rely on advanced equipment, flexible tooling, and semi-finished material to provide you with a broad selection of product offerings—*with same day service!*

- Skilled Field Specialists
- Experienced engineering support
- Dedicated customer service assistance

CAPABILITIES

Virtually any design, any material

Industry Leading Products

Chesterton has been providing value-driven solutions to meet industry needs for years. We leverage our engineering experience in design and materials to develop polymer seals that solve today's most difficult sealing challenges. Increasing equipment reliability, optimizing energy consumption, and providing local technical support and service are what Chesterton offers industry worldwide.

Materials and Innovation

We use state-of-the-art, polymer technologies that have been proven in the most demanding industrial applications around the world. Our proprietary blends of materials are coupled with various seal

geometries to offer superior products. Our technical expertise, combined with our comprehensive range of sizes, designs, and materials, enable us to provide polymer solutions to meet your specific needs. Let us help you select the right material for your application.

- Fluoroplastics
- Elastomers
- Engineered plastics



Surface Finishes:
Dynamic: $R_a=0,4 \mu\text{m}$ [1]
Static: $R_a=1,0 \mu\text{m}$ [4]

and any size

Design and Expertise

Chesterton is a consistent innovator, bringing significant new technologies to market that set the standard for performance and innovation. This advanced technology allows us the flexibility to design and manufacture seals with virtually no size restrictions. Our engineers draw on years of experience to design value-added products with a focus on continuously improving equipment reliability. Our seal designs are developed to deliver a preferred value based on your needs.

- Temperatures: -268°C to 427°C (-450°F to 800°F)
- Pressures: vacuum (10⁻⁹ Torr) to 5,500 bar g (80,000 psi)
- Speeds: up to 25 m/sec (5,000 ft/min)
- Sizes: up to 2,000 mm (110 inch)



Custom Designs

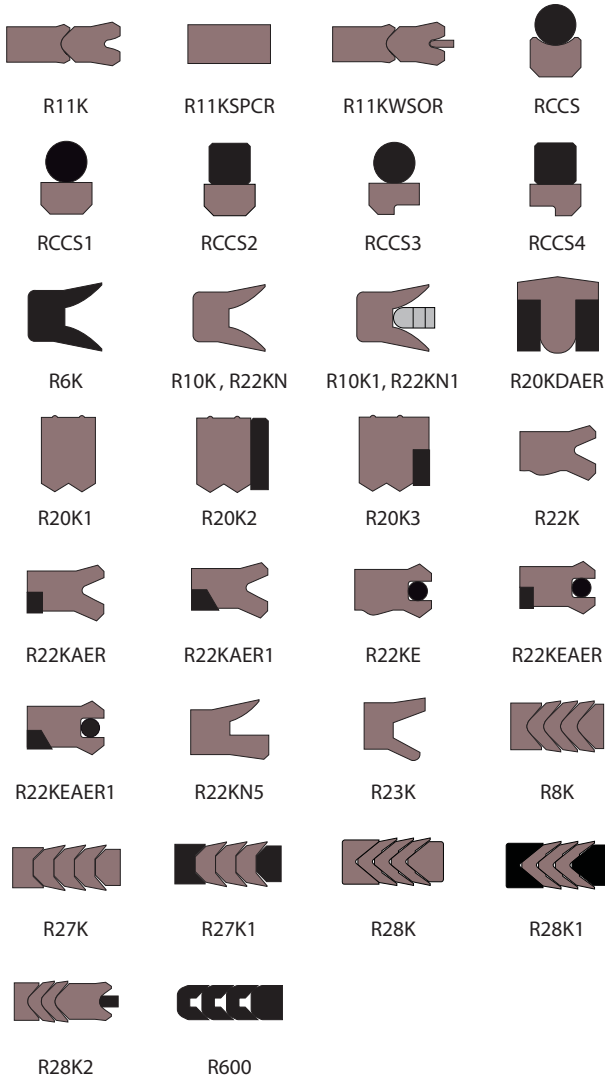
If the application demands a non-standard product, we can tailor a customized solution. Chesterton's unique on-demand service concept allows us to manufacture seals without tooling costs or delays.

- Application-specific solutions
- Product concept through development
- Designs to meet performance requirements
- Engineer-to-engineer collaboration

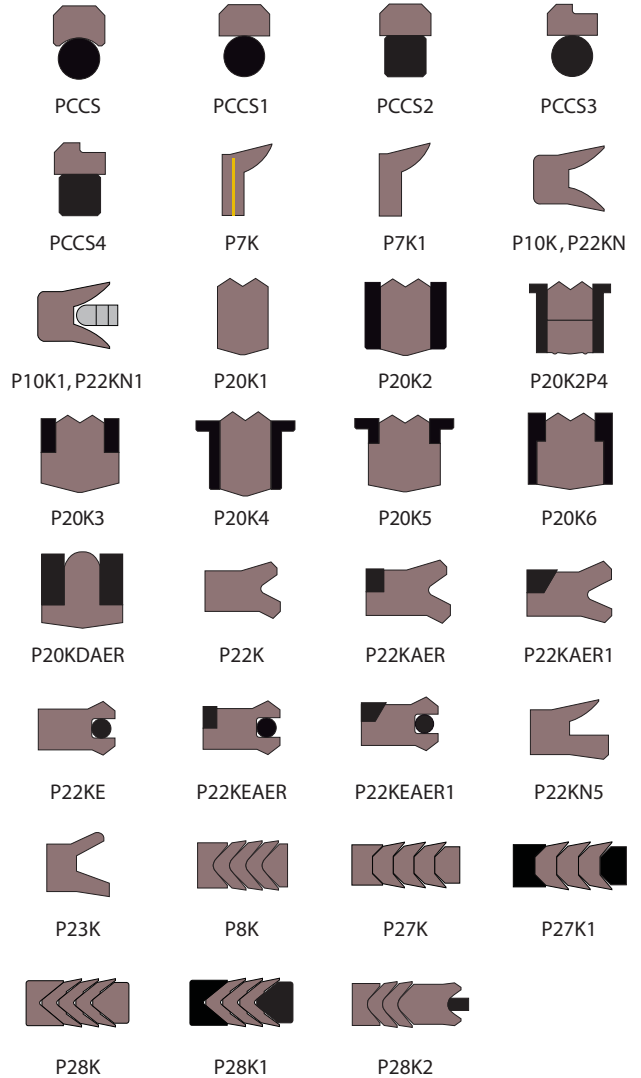


COMMON PROFILES

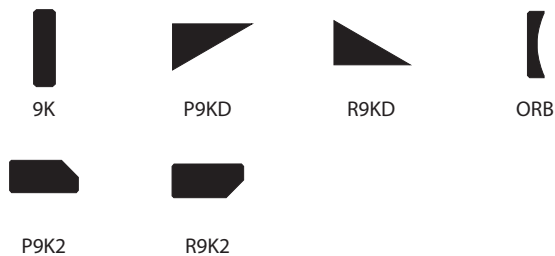
ROD SEALS



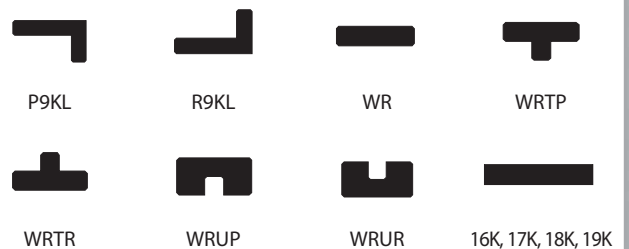
PISTON SEALS



ANTI-EXTRUSION RINGS



BEARING ELEMENTS





WIPERS



CW21K



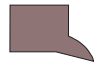
CW21K1



CW21K2



CW21K3



W5K, W21KF



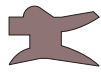
W5KT5, 21KT5



W21K



W21KC



W21KC1



W21KCS



W21KH



W21KM



W21KR



W21KS



WCCS

STATIC SEALS, O-RINGS



R20KDR



P20KDR



20KDRFS



OR



OR1



20KOR

ROTARY/CUSTOM SEALS



R14K



R14KRBS



R14K2P



14KPF



30K



30KB



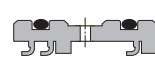
30KW



30KWB



30KSW



30KC



33K



RS1



RS2



RS3



RS4

100 SERIES



EPS100



EPS101



EPS103



EPS105

200 SERIES



EPS200



EPS204



EPS205

300 SERIES



EPS300



EPS304



EPS305

400 SERIES



EPS411



EPS414

500 SERIES



EPS500



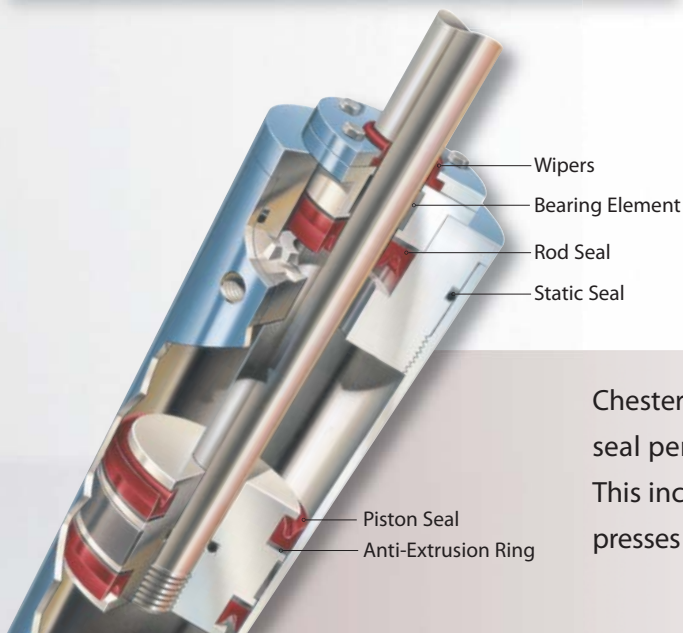
EPS520



EPS521

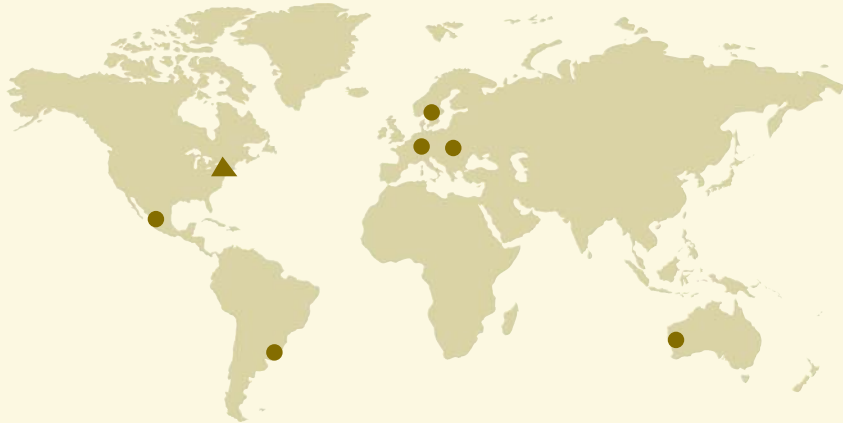


EPS540



Chesterton applies a simplistic, systematic approach to improving seal performance during the repair and overhaul of equipment. This includes seals, bearing bands, and custom kits for cylinders or presses used in light, medium, or heavy duty fluid power applications.

CHESTERTON



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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 100 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
www.chesterton.com



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

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PRINTED IN USA 10/11