



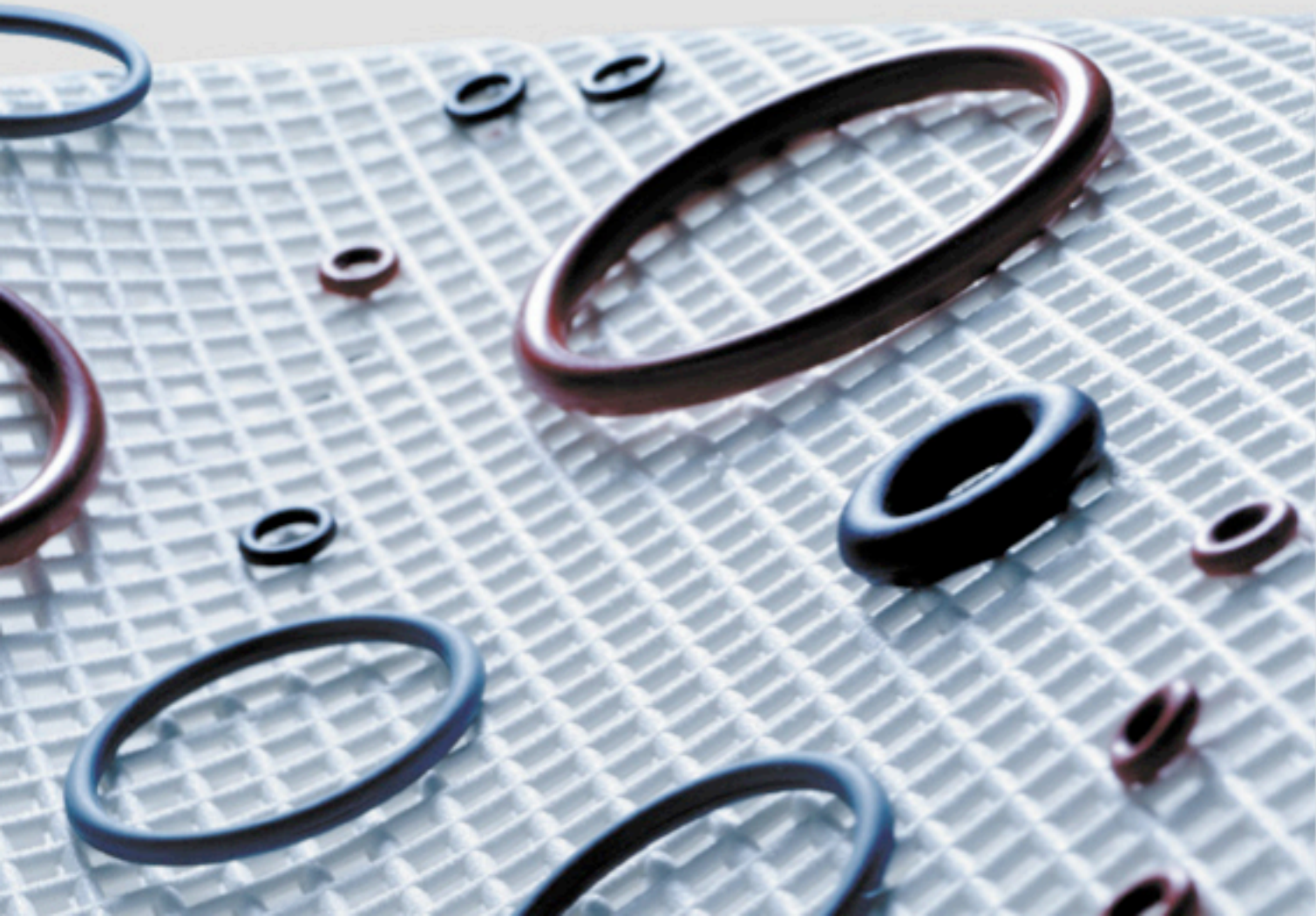
PRECIX[®]

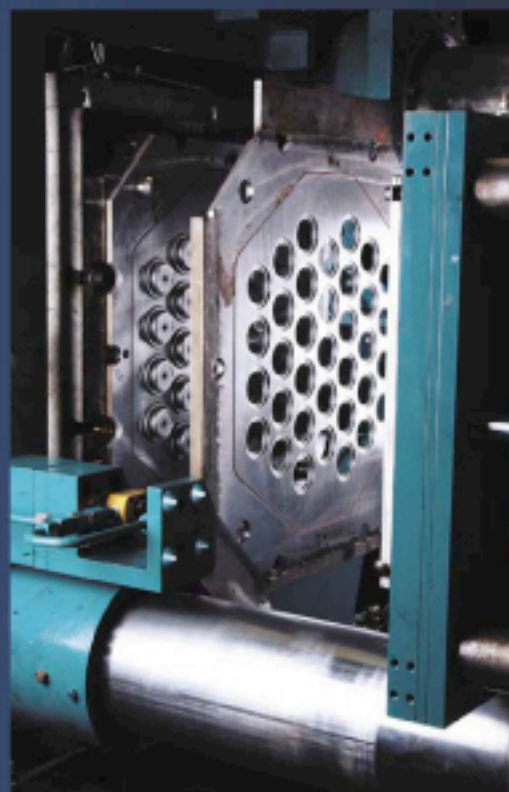
DELIVERING SOLUTIONS THROUGH FOCUSED EXCELLENCE

Makers of
Acushnet Rubber
O-Rings & Custom Elastomer
Solutions

PRECIX® MEANS SOLUTIONS

Precix® is an elastomeric designer and manufacturer that delivers solutions. Precix® elastomeric solutions are found in applications where downtime is the absolute enemy, aggressive chemicals and temperature extremes are the norm and failure is not an option. Your productivity and success are goals that everyone at Precix® strives to meet. We focus on integrating our products, people and processes so seamlessly into your company that we become a vital and natural extension of your business. We anticipate your needs and implement precisely the initiatives that reduce your transaction, inventory carrying, logistical and design costs.





STRIVING FOR PERFECTION IN PROCESS AND PERFORMANCE

With a wealth of experience in sealing technologies and polymer chemistry, Precix® constantly improves your satisfaction by improving our services, products and performance. Our quest for continual improvement embraces all aspects of our business with all processes at the company continually reviewed.

FROM CHALLENGE TO SOLUTIONS THE PRECIX® WAY

FAST & RESPONSIVE

Precix® Concurrent Engineering

- Extensive catalog of existing compounds & tooling
- Excellence in new compound development
- Engineering consultations
- On-site tooling capabilities
- QuickRings® (10-business day prototype tooling & products)

AGILE & FLEXIBLE

Precix® Product Approval to Production

- Largest most comprehensive OEM-approved materials list
- AP/QP process ensures seamless transition to production
- Pre-Kaizen events on process
- Continuous process improvement
- Kaizen events, Six Sigma Quality projects
- Customer-driven PULL systems
- Same day shipments
- Reduced inventory investment

RESULT

The Precix® Solution you need.



A SAMPLER OF PRECIX® SEALING APPLICATIONS

AUTOMOTIVE

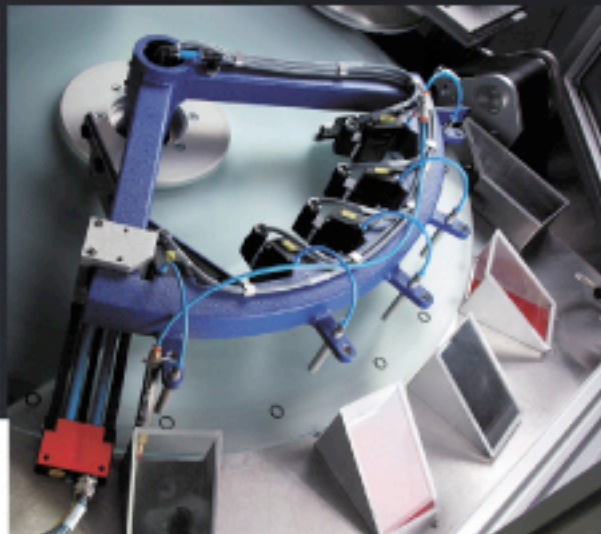
Conventional Fuel
Gasoline
Various Gas Blends
Diesel
Biodiesel
Alternative Fuel
HVAC
Engine Cooling
Transmission/Transfer Case
Hydraulic Brake Systems

AEROSPACE

NADCAP Accredited, AS7115 Certified
QPL Approved – AMS7259, AMS7276
M25988/1,2,3,4 – Boeing Approved
AMS7273
AMS7257
AMS-R-83485
AS43003
AS43013
AMS7267
AMS3304

CHEMICAL PROCESSING

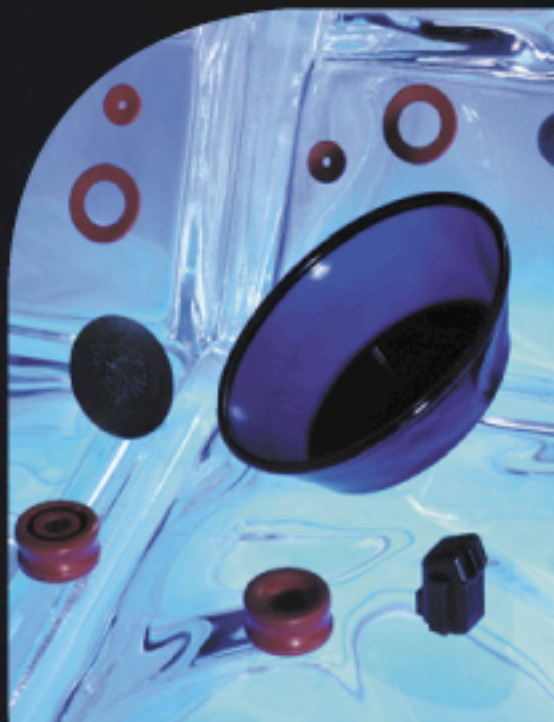
Pumps
Filter Elements & Housings
Mechanical Seals
Valves
Sensors
Instrumentation
Connectors



CERTIFIED FOR QUALITY WORLDWIDE

Precix® was the first manufacturer in the world to earn ISO9001, ISO14001 and QS9000 certifications. We are AS9100 & AS 7115 certified with ISO/IEC ISO17025: Laboratory Certification. We provide high specification components for the demanding environments of both aerospace and defense applications.

THE RELENTLESS PURSUIT OF EXCELLENCE



Our relentless focus on excellence incorporates time, space, materials and labor reduction in addition to a zero PPM target, which translates into an ever-increasing level of value for you and your customers. We strive to connect to your need for smart and innovative solutions through an array of lean manufacturing programs including Kaizen events, the Six Sigma quality program and customer-driven PULL production systems.

In addition to environmentally controlled manufacturing, comprehensive in-house research and development, ASTM testing laboratories, a fully qualified engineering staff, development chemists and machine engineers, Precix® also offers you Quick-Rings® rapid prototyping, which supplies you with sample parts in as few as 10 business days.



O-RINGS & CUSTOM ELASTOMER SOLUTIONS

Precix® o-rings set the standard for best performance wherever aggressive chemicals and harsh environments are found and are ideal for precision-automated assembly and critical applications.

Seemingly simple in design, Precix® o-rings perform complex and critical functions in endless applications in virtually all industries worldwide and are made to AS568 and AS871 specifications. Available in both English and metric sizes Precix o-rings are ideal to counter the effects of chemical attack, friction, pressure and temperature while maintaining the integrity of the system of which they are components.

APPLICATIONS & COMPOUND SELECTIONS

Our quality o-rings adapt perfectly to all types of industry applications. In addition to the largest most comprehensive list of OEM-approved materials, our proprietary compounds and innovative mold construction raise the bar on reliable performance in automotive applications such as fuel systems, electrical systems, drive train systems, HVAC and hydraulic systems.

Precix® provides sealing solutions for the aerospace industry including engines, fuel systems, hydraulic systems and landing gear systems. Chemical processing applications include virtually all types of pumps, filter elements and housings, valves and instrumentation systems. Energy and oil field applications include o-rings for all types of fluid handling equipment.

Precix® Compound Selection*

Perfluorocarbons – FFKM Commonly known as Kalrez® or Chemraz®

(-20°C/-4°F-300°C/572°F)

- AMS/MIL (AMS7257)
- Extreme chemical resistance
- High temperature service applications
- Superior permeation resistance

Fluorocarbons – FKM

Commonly known as Viton® Grades

(-26°C/-15°F-250°C/482°F)

- AMS/MIL (AMS7259, AMS7276, AMS-R-83485, AS43003, AS43013)
- UL approved
- FDA compliant
- Conductive version available

Copolymers (64-66%F)

- Most widely used & versatile

Terpolymers (67-70%F)

- GF®-types – excellent fuel & chemical resistance
- Excellent flex-fuel & permeation resistance

Specialty polymers (65-67%F)

- GLT®, GFLT®- types
- Excellent low temperature resistance
- Flex-fuel resistant

Fluorocarbon/Fluorosilicone Blend – FKM/FVMQ

(-25°C/-13°F-230°C/446°F)

- UL approved
- Good fuel resistance
- Tougher than FVMQ
- Conductive version available

Fluorosilicones – FVMQ

(-65°C/-89°F-200°C/392°F)

- AMS/MIL (AMS7273, M25988/1, 2,3,4 – Boeing Approved)
- Excellent low temperature performance
- Good high temperature performance
- Fuel resistant

Silicone – VMQ

(-62°C/-80°F-232°C/450°F)

- AMS/MIL (AMS7267, AMS3304)
- Good fuel resistance
- Better heat resistance than NBR
- Lower overall cost than FKM & FVMQ
- FDA compliant

Hydrogenated/Saturated Nitriles-HNBR/HSN

(-40°C/-40°F-150°C/302°F)

- Resistant to automotive oils
- Good heat resistance
- High strength

Ethylene-Propylene – EPDM

(-57°C/-71°F-150°C/302°F)

- UL approved
- Excellent environmental resistance
- Good heat resistance
- Good low temperature flexibility
- NSF61 approved
- FDA compliant

Nitrile – NBR

(-40°C/-40°F-121°C/250°F)

- UL approved
- Fair heat resistance
- Low cost

*** For more detailed compound, complete chemical compatibility and OEM-approval information visit www.precixinc.com**

Viton®, Kalrez® are registered trademarks of DuPont Dow Elastomers. Chemraz® is a registered trademark of Green Tweed.

PRECIX®

SUCCESS DEMANDS PRECISION®

Give Precix® an opportunity to design and deliver the solutions you need by calling 508 998 4000 today or emailing sales@precixinc.com.

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MAKERS OF

 **ACUSHNET RUBBER**

O-RINGS

CUSTOM ELASTOMER SOLUTIONS

