



TARGET MARKETS

OIL & GAS

[Upstream]



Black Eagle

3-5 times longer service life



Snap Tite

Widest Range (1/8" - 6"), materials: SS316, -HastelloyC276, Inconel



F37

Eco-friendly **NON Welding** Solution



PEACH Gemini Purasep

Filter separator and coalescer in one **continuous** element.



Parmax-R

High flowrates with compact footprint. Low capital and operating cost. Robust cage design.



Autoclave

AES222 tubing standard Compliance Widest Pressure & Size ranges (**150,000 Psi** - OD up to **1 1/2"**)



MPI™ Fittings

Easiest to install with only **1-1/2 turn**. Safest fittings from visual identification (**molybdenum** male nut)



Accumulator

Deep Sea Pressure compensator allowing design pressure reduction driving cost down

OIL & GAS

[Midstream]



PEACH Gemini Purasep

Filter separator and coalescer in **one continuous** element.



Parmax-R

Highest flowrates with compact footprint. Low capital and operating cost. Robust cage design.



Integral A-Lok

Removes NPT, eliminates thread galling, negates the need for sealant or thread tape and prevents the opportunity for stress cracking.



Ball Valves

SIL 2 Rating for ESD and Safety Critical Applications



MAC/ATEX Cooler

ATEX compliant, cooling capacity up to 300 kW, MAC meets corrosion resistance **C4M & C5M-M** according to ISO 12944.

OIL & GAS

[Midstream]



Norsok / API Compliance O-Rings

FFKM, FFK, HNBR, EPDM designed for Oil and Gas applications. Added new products like Flexi joints and Gimbal bearings for off-shore production



EPS Seal

Polypak, Wiper Seal, Piston Seal, T-seals made of different material. These metal seals withstand high temperature and high pressure applications



PEACH Gemini Purasep

Filter separator and coalescer in one continuous element.



Parmax-R

High flowrates with compact footprint. Low capital and operating cost. Robust cage design.

OIL & GAS

[Downstream]



Metal Hose

Larger OD up to **12"**, Higher extreme temperatures (-228°C ~ +648 °C),



Titan Purasep

Safer, hassle free changeout. Reduce changeout time by **85%**



PEACH Gemini Purasep

Filter separator and coalescer in one **continuous** element.



Parmax-R

High flowrates with **compact** footprint. Low capital and operating cost. Robust cage design.



Gas Turbine Filters

OE filters manufacturer for gas turbine world market leader **GE** of **60%** market share



A-Lok Fittings

Parker CPI™ / A-LOK® **Ferrule** under went ASTM **G48** corrosion test. Available in **6 Mo** and **NORSOK M650** material.



Manifold

Ready approved design with **TAMAP 2 stars**

SEMICONDUCTOR

[Micro Electronics]



FFKM O-rings

PSG 5020, CSS 5115
Competitive price and design abilities for long life span usage and cost savings



Slit Valve Doors

PSG 5020, CSS 5115
One stop solution for rubber and bonded slit valve doors any custom make seals



801 Hose and Fitting

globally referenced by semicon market



PFA Tubing

Extreme temperature up to **260°C**, available in **Inch & Metric**, comes in **9** different colors



Domnick Hunter Oil-X Filters

Lowest total cost of ownership on the market via saturated pressure drop of **125mbar**



Veriflo diaphragm valve

material exceeding **F22**. **5 million** cycles life time for **WF6**.



Veriflo regulators

Superior Diaphragm reliability with **HC-22** as standard diaphragm material. **Vericlean** material exceeding SEMI F20.



Origa Cylinder

Rodless, metal to metal seal gives high speed/temperature with low wear. Slow speed grease. Long life – **8 million meters**



Electromechanical Positioning System

"Perfect Fit" solutions covering a broad spectrum of requirements at various levels of integration and complexity

DEFENSE



471TC Hose
1/2" Bend Radius
TC Cover(80 times)
US Army referenced



EO Fitting
Cu Ni Fe
suitable for
sea water,
Marine
certified



Racor Diesel Filters
Engines will benefit
from near 100% water
separation and fuel
filtration with Racor's
proprietary
Aquabloc® water
repelling media



Baldwin Filters
Proven better OE
filters performance
and long service life



**F11/12 Fixed
Displacement Motor**
Compact, robust and
reliable motor, high
speed capability **up to
10,000 rpm**, high
efficiency and wide range
meets customer needs

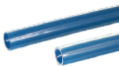
LIFE SCIENCE

[Pharmaceutical]



Parker O-Ring

ORD 5712
NSF, UL, USP Class VI,
FDA and many
rubber compound
including FFKM
compound.
Kanban and JIT
service to support
local OEMs



PFA Tubing

Operates up to
260°C,
Available in Inch &
Metric, comes in 9
different colors,
FDA Approved



PVC Hose

OD Up to 8"
FDA Approved



High Flow Tetpor II

An extremely
robust sterile gas
filter validated for
225 steam
sterilization cycles

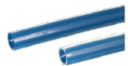


Sensors

Highly accurate
flow through
single use
pressure,
conductivity and
temperature
sensors

LIFE SCIENCE

[Food & Beverage]



PFA Tubing

Operates up to **260°C**,
Available in Inch & Metric, comes in 9 different colors,
FDA Approved



PVC Hose

OD Up to **8"**
FDA Approved



Asept X

Sterilizing gas filter, validated to withstand over 100 reverse steam sterilization cycles without the need for condensation management



High Flow Bio-X

Sterile gas filter with exceptionally high flow rate and low pressure drop that enables dramatically reduced installation size



Bevpor BR

Offers maximized service life and ensure microbial stability during cold stabilization of beer



Filter Dryer

It's the CORE that counts!
Specially formulated core with molecular sieve and activated alumina for exceptional moisture / acid removal in one pass.



Zoomlock Fittings

Flame-Free Refrigerant Fittings!

Makes job simpler and faster when joining copper tubes. No hot work permits required. No need to nitrogen-purge. Gives a clean system.

MINING

[Equipment]



MSHA Approved Hose and Fitting



Racor Diesel Filters

Leader in global diesel filtration applications with proven 98% fuel water separation Aqua Block III patented media



Baldwin Filters

Offer Heavy Duty/ Severe Service filters to give extra protection to your equipment operating in harsh environment



L90LS mobile valve

Multiple Motion **configuration** suitable for **customized** solution with IQAN control. Sectional design allows great flexibility of machine design.



Electronic Control System

IQAN controller, Complete freedom to design customized software without the need for advanced programming skill.

MINING

[Site]



MSHA Approved Hose and Fitting



Clean Diesel

Filtration & Fuel
Condition
Monitoring
Solutions offering
particulate,
coalescing, water
absorbent media to
meet all different
diesel requirement



Nitrogen Generator

Improved safety
and minimized
flammability concerns
through Parker N2
membrane system.



Gold Cup Pump

Hydrostatic P&M,
Robust Design with
**superior long-
lasting**
performance in
severe duty
applications. Fast
and stable control.

MARINE



Global Core Hose & Fitting

Simplified with only
5 hoses and 2 series
fitting, Marine
Certified



EO Fitting

Cu Ni Fe
suitable for
sea water,
Marine



Racor Marine Filters

Leader in global diesel
filtration applications
with proven 98% fuel
water separation Aqua
Block III patented
media. With approved
class certification for
Marine requirement.



Baldwin Filters

Offer Heavy Duty/
Severe Service
filters to give extra
protection to your
equipment
operating in harsh
environment



PV Pumps

Heavy duty (350bar).
Compact design, low
noise level, fewer flow-
and pressure pulsations
than conventional pumps.
Modular Design and
service friendly



CVG Control Valve

Excellent controllability
up to **2,000 l/min.**
Flexible, modular design
load sensing valve with
pressure compensation
and low hysteresis and
ease of service

POWER GENERATION



Metal Hose

Larger OD up to 12",
Higher extreme
temperatures
(-228°C ~ +648 °C),



Parmax-R

High flowrates
with compact
footprint. Low
capital and
operating cost.
Robust cage
design.



Gas Turbine Filters

OE filters
manufacturer for
gas turbine world
market leader GE
of 60% market
share



Portable Purification System

Significant installed
base in the region with
proven Parker's
purifier solutions
protecting vital
components



Needle Valve

Parker U Series
Union with **649
Deg C** operating
temperature



Hydraulic Power Unit

Wide Parker products
coverage, quieter
operation, elimination of
potential leak point,
maintains trouble-free
performance

CONSTRUCTION



Global Core Hose & Fitting

Simplified with only
5 hoses and 2 series
fitting,
PTS

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Racor Diesel Filters

Engines will benefit from
near 100% water separation and
fuel filtration with
Racor's proprietary
Aquabloc® water repelling
media



Baldwin Filters

Offer Heavy Duty/ Severe
Service filters to give
extra protection to your
equipment operating in
harsh environment



MO200/300EX MCV

5% Fuel savings from
larger spool size & stroke



P2/P3 Mobile Pumps

High Self Priming Speed,
Low noise, High altitude
operation capability due
to built in impeller
design



F11/12 Fixed Displacement Motor

Compact, robust and
reliable motor, high
speed capability **up to
10,000 rpm**, high
efficiency and wide range
meets customer needs

BUS & TRUCK



Air Brake Tubing

Global references,
Less downtime due
to **kinking** failure



Air Brake Fitting

Global references,
Push To Connect



Racor Diesel Filters

Engines will benefit from
near 100% water
separation and fuel
filtration with Racor's
proprietary Aquabloc®
water repelling media



Baldwin Filters

Offer Heavy Duty/
Long Service Life
filters to give extra
protection to your
equipment
operating in harsh
environment



Solenoid valve – 7V

7 Coils, compatible with all
CFC, HCFC and HFC
refrigerants and blends and
most refrigeration oils. Fully
compliant to 97/23/CE (PED),
2006/95/CE (Low Voltage),
RoHS.

STEEL MILL



Metal Hose

Larger OD up to 12",
Higher extreme
temperatures
(-228°C ~ +648 °C),



BHA Bag Filters

ePTFE Membrane
Laminated Filter
Bags for Air
Pollution Control
with better PM2.5
filtration
performance



Parker Hydraulic Filters

Quantumfiber media
with extended
element life,
improved efficiency
and **10%** lower
pressure drop



Isomax Valve

Ceramic Technology.
Long life > 100 million
operations. Low
sensitivity to air quality
changes: switching
without seal. Stiction
free. Slide valve: high
flow/size ratio. Low
friction switching :
minimum wear



Pneumatic Cylinder

"Jewel" Rod Gland
Assembly-Externally
removable without
cylinder disassembly.
Long bearing surface is
inboard of the seals
assuring positive
lubrication from within
the cylinder



Hydraulic Power Unit Hydraulic Cylinder

Wide Parker products
coverage, quieter
operation, elimination
of potential leak
points, maintains a
trouble-free
performance



Compact design for tough
operation and long service
life. Easy to service using
standard tools. Choice of
material, mounting, seals
and surface treatment

GENERAL INDUSTRY



ORD 5712

NSF, UL, USP Class VI, FDA, Military, Aerospace and many rubber compounds available for selection. Kanban and JIT service to support local OEMs



Parmax-R

High flowrates with compact footprint. Low capital and operating cost. Robust cage design.



BHA Bag Filters

ePTFE Membrane Laminated Filter Bags for Air Pollution Control



Hydraulic Filters

Quantumfiber media with extended element life, improved efficiency, **10% lower pressure drop**



Isomax Valve

Ceramic Technology. Long life > **100 million** cycles. switching without seal. Stiction free. Slide valve: high flow/size ratio. Low friction switching : minimum wear



Pneu/Hyd Cylinder

"Jewel" Rod Gland Assembly-Externally removable without cylinder disassembly.

A dark globe of the Earth is centered in the image. The continents are visible, with city lights glowing on the landmasses. A complex network of thin, golden-yellow lines crisscrosses the globe, representing a global network or data flow. The background is a dark, starry space.

THIS IS PARKER

ENGINEERING YOUR SUCCESS



THANK YOU

