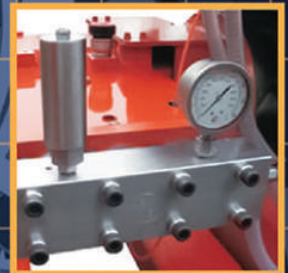




PT. TJM INTERNASIONAL



PRODUCT CATALOG



OUR VISION AND MISSION STATEMENT

PT. TJM Internasional is a leading engineering solutions provider and manufacturer, delivering outstanding customized solutions that meets and exceeds the specifications of our customers through our unequalled customer service, value, and performance.

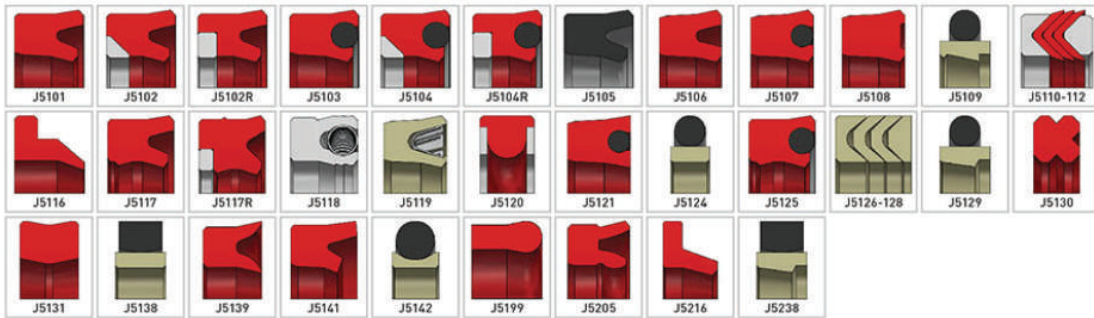
OUR VALUES

| Team Spirit | Achieve Sales and Operational Excellence Aggressively |
| Integrity and Kindness | Effective Management Team |

WIPER SEALS



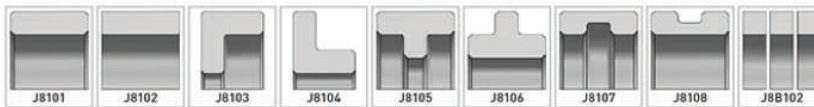
ROD SEALS



BACKUP RINGS



GUIDE RINGS & WEAR BANDS



GASKETS



PISTON SEALS



ROTARY SEALS



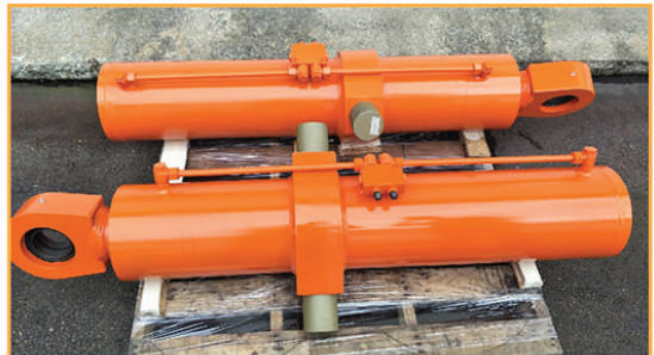
HYDRAULIC REPAIR SERVICES



WORKSHOP AREA



ENGINEERING TEAM



HYDRAULIC REPAIR

POWER TEAM®

AUTHORIZED DISTRIBUTOR



AUTHORIZED SERVICE CENTER

SPX
HYDRAULIC TECHNOLOGIES



SPX POWERTEAM & BOLTING SYSTEM . SPXGLOBE . PARKER PVS

POWER TEAM HIGH FORCE HYDRAULIC SYSTEM

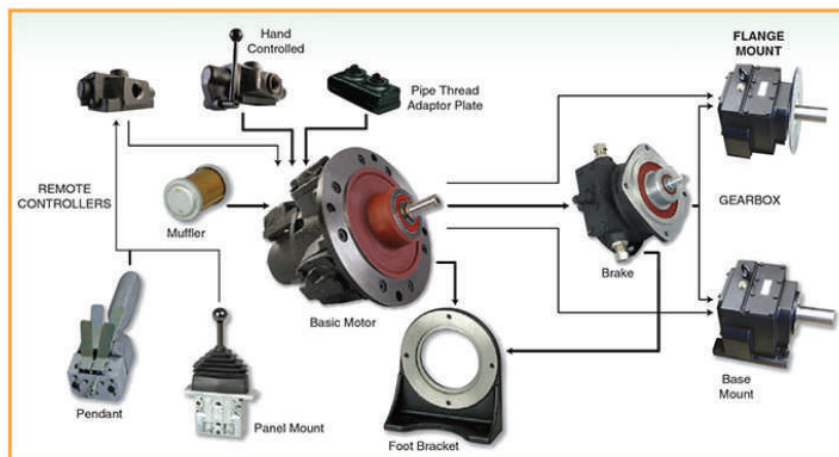
POWER TEAM®

SPX HYDRAULIC TECHNOLOGIES is a unit of SPX Corporation (USA), and a global manufacturer & sole owner of the POWER TEAM Trademark with over 85 years experience in high-performance, professional-grade, 10,000 psi (700 bar) high-pressure hydraulic cylinders, pumps, puller, jacks, tools and equipments.

POWER TEAM products are used throughout the world, serving a broad range of customers for applications in industry, construction, bridge equipment manufacturers, mining, rigging, quarrying, steel mills, shipbuilding / repairing, marine projects, oil & gas, power plants, maintenance & repair (MRO), aerospace, and many other industries requiring hydraulic and maintenance tools.



SPX GLOBE RADIAL PISTON AIR MOTORS



PARKER PVS SERIES PORTABLE PURIFICATION SYSTEM



Parker PVS Series features automatic operation and ease of maintenance. This vacuum dehydrator is conveniently portable, and able to purify a system's oil, even in the most demanding environments.



Potential Contaminant	PVS Performance
Solid particulate	ISO Cleanliness Code* 14/13/10 Attainable
Water	Removes 100% of free water, 90% of dissolved water
Air/Gases	Removes 100% of free air and gases, 90% of dissolved air and gases

*When utilizing 02Q media.

PVS (Vacuum Dehydration) Compared to Other Technologies

Centrifuge units – Removes free water only; has difficulty breaking stable emulsions; larger envelope dimensions but lower flows; higher initial and operating costs.

Desiccant units – Have limited water removal capability due to absorbing material; only removes air ingressed particles; expensive compared to the volume of water removed.

Coalescer units – Removes free water only; has difficulty breaking stable emulsions; does not work well in viscous fluids (>100 sus); much larger in size compared to PVS.

Typical Performance

Tank Size	60 Gallons (227 liters)
Run Time	62 minutes
Parker Model	PVS 600 (10 GPM)
Water Content (ppm)	Start: 10,000 PPM (1.0%) Stop: 50 PPM (0.005%)
Contamination Level	Start: ISO 21/18/16 Stop: ISO 16/14/11

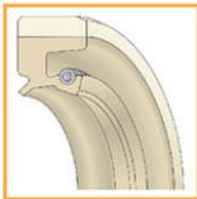


Start



Stop

PARKER ROTARY SEALS



CLIPPER® OIL SEALS

- Single Lip LUP, RUP
- Double Lip LDS
- Large Diameter MIST, STLUP
- Medium Pressure MP
- High Pressure HP
- Clipper Split Seal
- Custom Designs
- Wipers H & P
- High Misalignment LUPW, LDSW
- PTFE Bonded to Elastomer Lip



PARKER OIL SEALS

- Single Lip Seats SA, SB, SC, SD, SM
- Double Lip TA, TB, TC, TD, TM
- Dual Lip DB, DC
- Springless VA, VB, VC, VM
- Outside Lip OSA, OSB, OSC
- Cassette Seals
- Wipers
- High Misalignment SAE, SCE, SME
- Custom Designs



BEARING ISOLATORS

- ProTech™ PTFE
- Flanged LS
- Non-flanged LN
- Vertical UPLW, LX
- Split SL
- Pillow Block LM
- Flooded FS-360
- Custom Designs
- ProTech™ Millennium Bronze
- Flanged ML
- Non-flanged MN
- Split MS
- Custom Designs



PTFE SEALS

- FlexiCase™ Metal Clad & TMAL
- Metal w/o Spring TMAS
- Nonmetallic w/o Spring FlexiLip™
- Custom Designs
- 3A Sanitary
- Food Grade
- Anti-Microbial



SLINGERS & EXCLUDERS

- V-Seals
- SSW Excluder
- DS Excluder

PARKER PROTECH BEARING ISOLATORS

Total Eccentricity : .020" (.51 mm)

Shaft Speed : Up to 5,000 fpm (25 m/s)

Pressure : 0 psi / bar

Temperature Range : -40 to 250F (-40 to 121 C)

Axial Movement : .020" (.51 mm)

special designs up to
.070" (1.78 mm)

Bore Tolerances : ± .002" (± .05 mm)

Special designs available

Seal Material :

Standard Proprietary PTFE

Optional Food Grade, Anti Microbal, FDA 3A

O-Ring Material :

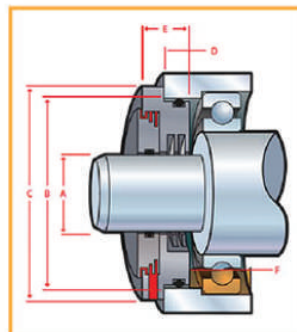
Standard FKM

Optional NBR, FDA silicone, EPDM, Aflas®

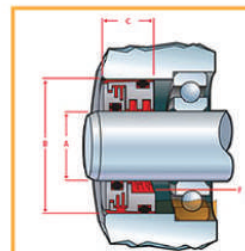
Retain : Grease and oil Splash (operating oil level in cavity between seal and bearing).

Exclude : Must be below inboard oil drain-back port of seal "F". Heavy water spray and dry contaminants from bearing cavity, best for vertical down applications.

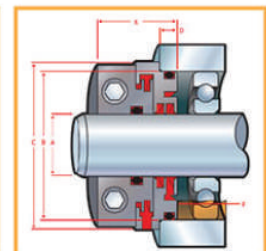
Equipment : Motors, pumps, mixers, gearboxes, blowers, and custom equipment.



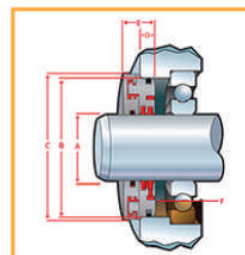
FLANGED DESIGN - LS



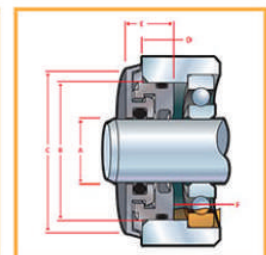
FLUSH MOUNT DESIGN - LN



SPLIT DESIGN - SL



WRAP AROUND
DESIGN - LW



WASH DOWN
MOTOR DESIGN - WD

The products above are only the samples of Parker's ProTech Bearing Isolator products. Parker has a lot of ProTech Bearing Isolator products. Contact our distributor for more products.

PARKER CHOMERICS

Parker-Chomerics is a global leader in developing and manufacturing EMI Shielding & Thermal Management Materials for majority of the world's largest brand names in the Electronics Industry.

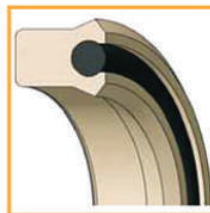


PARKER FLUID POWER SEALS



ROD SEALS

Rod Seals, which guard against external leakage, are one of the most vital components of the sealing system. Parker is pleased to offer the most complete range of materials and profiles in the industry. Our advanced plastic, rubber and PTFE material development delivers the highest performance in a wide variety of rod seal applications. Cutting edge technologies include multiple sealing lip systems, shock-load resistance, low friction and ultra-dry capability.



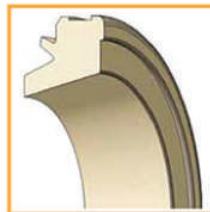
SYMMETRICAL SEALS

With thousands of available size and material combinations, Parker symmetrical profiles are designed to act as either rod or piston seals, allowing one part number to function in two applications. Often copied but never equaled, the PolyPak™ for hydraulic applications and the 8400 u-cup for pneumatic applications have revolutionized the fluid power industry and become trusted standards. Symmetrical u-cups and squeeze seals available in variety of lip shapes and materials.



PISTON SEALS

Our diverse product line of piston seal profiles suits a broad range of hydraulic and pneumatic applications. Whatever the need, from low pneumatic pressures to extreme hydraulic shock loading, Parker has the solution. Profiles are available to meet the demands of uni-directional and bi-directional pressure, low friction, easy installation, port passing, and zero-drift scenarios.



WIPERS

Just as rod seals are designed to keep fluid in, Parker wipers perform to keep contamination out. Wipers work in conjunction with rod seals to form the first line of defense in protecting a system and keeping it free from dirt, mud, water, and other contaminants. Incorporating the latest technology in aggressive wiping lips and OD exclusion, Parker has solutions in press-in, snap-in, and double lip profiles.

Other Products of Parker Fluid Power Seals: • Wear Rings and Bearings • Back-up Rings • O-rings & Head Seals

PARKER O-RING SEALS



ADVANTAGES OF PARKER O-RINGS:

- Seals over a wide range of pressure, temperature and tolerance.
- Ease of service: no smearing or retightening.
- No critical torque on tightening, therefore unlikely to cause structural damage.
- O-rings normally require very little room and are light in weight.
- In many cases, an O-ring can be reused, an advantage over non-elastic fl at seals and crush-type gaskets.
- The duration of life in the correct application corresponds to the normal aging period of the O-ring materials.
- O-ring failure is normally gradual and easily identified.
- Where differing amounts of compression effect the seal function (as with flat gaskets), an O-ring is not effected because metal to metal contact is generally allowed for.
- Cost-effective.

POLYMER CODES

A Polyacrylate	L Fluorosilicone
B Butyl	N Nitrile (Buna N) and HNBR
C Chloroprene (Neoprene®)	P Polyurethane
E Ethylene Propylene	S Silicone
F Parofluor Ultra™	V Fluorocarbon, AFLAS®,
H Hifluor™	Hifluor™, Parofluor™
K HNBR	Z Exotic Polymers

PARKER HYDRAULIC HOSE

PARKER HANNIFIN'S HOSE PRODUCT division's success story began more than 50 years ago thanks to the diligence of many. The steps taken for growth are some of the proudest moments of those who lived through the Division's transformation. From never making its own piece of hose and being last place in the market in 1965, to becoming the industry leader in rubber hose technology, today's Hose Products Division now offers the broadest line of fluid connector products and the widest support system around the world.

With a long history of providing premier customer service, Hose Products Division is the leading manufacturer of hose, fittings and crimping technology for industrial and hydraulic markets. Continually expanding our products to better serve the market, we offer world-class service technologies including the Parker Tracking System, Onsite containers, rapid prototyping and smart phone applications.



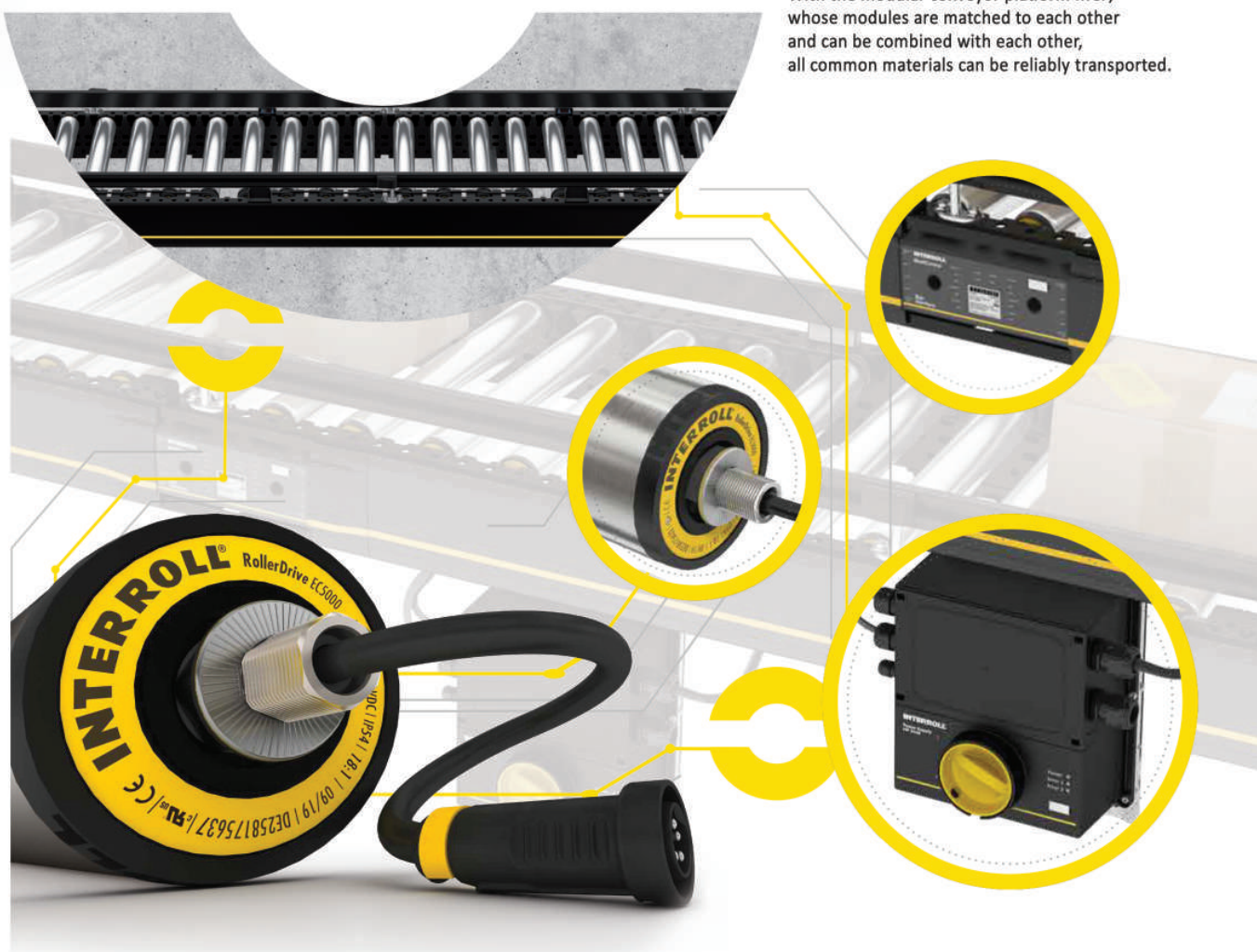
INTERROLL CONVEYOR MODULES AND DC PLATFORM



INTERROLL CONVEYOR MODULES

SMART, ECONOMICAL, FLEXIBLE

Interroll Smart Conveyor Modules offer enormous versatility with straight lines, curves, merges and transfers. A wide range of modules, consisting of roller conveyors, belt conveyors, lifters, High Performance Diverts and spiral lifts, covers all material flow requirements. With the modular conveyor platform MCP, whose modules are matched to each other and can be combined with each other, all common materials can be reliably transported.



48 V

**Interface
Bus**

**Ø
50/60
mm**

The New INTERROLL DC Platform has the perfect solution to any request. Many system integrators and plant constructors face the challenge of how to cost-effectively create a tailored system with plug-and-play solutions. The new DC Platform from Interroll is a high-performance technology platform that does just that. It offers – from a single supplier – an innovative, coordinated range of technological solutions, all based on years of development and testing.

BENETECH CONVEYOR COMPONENTS

BELT CLEANERS

Primary
Secondary
Replacement Blades
Diagonal & V-Plows

BELT MISALIGNMENT

Training Idlers
Reversible Trainers
Troughing Idlers

SPILLAGE

XN Liners
Skirting Seal
Inspection Doors

BELT SUPPORT

Simple Slide Idler
Drop & Slide Idler
Impact Beds

CONTAINMENT

MaxZone® Standard
MaxZone® Premium
MaxZone® Plus
Washbox
Self-Cleaning Capsule

DUST SUPPRESSION BUNDLE KITS

CleanPak
BenePak
MiniPak

CHEMICAL

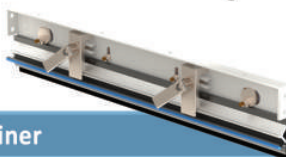
Wet Suppression
Residual Suppression
Foam Suppression
Pile Seal
De-icer



BEP 1 Primary Cleaner



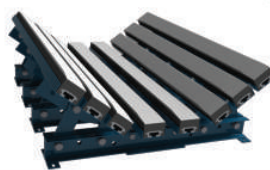
Brush Cleaner



XN Liner



Drop & Slide Idler



Impact Bed



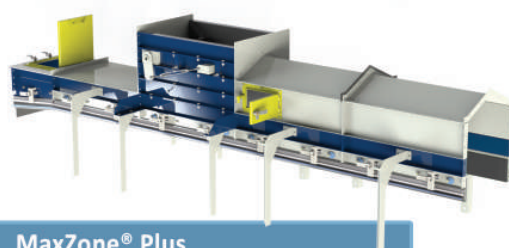
Conveyor Guard

BENETECH®

SAFE MATERIAL HANDLING SOLUTIONS

Benetech Conveyor Components and accessories, including idlers, liners, v plows/v ploughs, motorized brushes, rotary brushes, brush cleaners, diagonal plows, conveyor guarding, and belt cleaners for bulk material handling for your conveyor systems and conveyor components equipment needs.

Industries that we serve :
Aggregates | Agriculture
Biomass | Cement
Coal - Fired Power
Fertilizer | Iron Ore
Kaolin | Limestone
Mining | Ports & Terminals
Pulp & Paper | Silica
Steel | Trona



MaxZone® Plus



Clean Pak

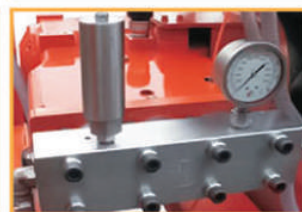


Dust Suppression

DEN-JET HIGH PRESSURE WATER BLASTER

Den-Jet Water Blaster machines are widely used in the land-based sectors : Shipyards, Building & Construction, Heavy Industries, Petrol Chemical, and Offshore industries. We have helped many companies to do away with costly conventional ways of doing the jobs and at the same time promote 'Green Label' especially in the Building and Construction sector. Conventional methods not only use extra manpower, it could not achieve the desired finishing and sometimes do damage to the materials / products.

No more grinding and sanding of aluminum formworks, scaffolding, concrete surface preparations prior to waterproofing, etc. No more scrapping of barnacles, followed by high pressure blasting on ship hulls before painting.
No more paint removal or sandblasting to remove paint on machinery. No more chipping to remove rust on metal surfaces.



AEROSPACES / MILITARIES



AEROSPACES



MILITARIES

Parker Hannifin has long been a supplier to many major aerospace and military companies. Our engineered sealing solutions play a vital role in protecting critical systems from water and dust intrusion, nuclear / biological contamination cleansing solutions, and chemical spills.

- Environmental seals for electronics housings
- Lighting, sensing and detection system seals
- Target acquisition system seals
- Aircraft and ground vehicle access panel seals
- Structure, case and cover seals
- Handheld devices

AUTOMOTIVES / HEAVY DUTY VEHICLES



AUTOMOTIVES



HEAVY DUTY VEHICLES

Parker has been a major supplier to the automotive and heavy duty diesel markets for over 30 years. We offer a variety innovative and cost effective solutions that reduce warranty claims, improve assembly time and improve product performance. Some applications include:

- Automatic transmission seals
- Automotive sensor seals
- Cylinder linear seats (D-rings)
- Large valve cover and housing seals

LIFE SCIENCES



LIFE SCIENCES

As life sciences drive smaller and smaller technologies, Parker TechSeal rises to the challenge by designing and manufacturing tight tolerance custom extrusions. TechSeal is able to provide engineered options that offer our customers reduced lead times and components that are both easier to install and more durable.

- Medical vial cap seals and grade tubing
- Low closure force seals on plastic devices
- Specialty tubing
- Chamber door seals
- Septa

GENERAL INDUSTRIALS & CONSUMERS

The depth of our products and manufacturing capabilities allow us to support a variety of general industrial and consumer applications. The possibilities are endless but some of these applications include:

- Static face seals for industrial filters and sensors
- Dampening bumpers
- Isolation sleeves
- NSF approved and chloramine resistant materials for potable water and plumbing applications
- Drum seals
- Environmental seals for LED lighting systems



GENERAL INDUSTRIALS



CONSUMERS

ENERGY, OIL, AND GAS

The rising demand for energy continues to drive companies into more extreme environments and to develop new technologies that meet tomorrow's challenges. The Parker TechSeal Division offers a variety of engineered solutions for Oil & Gas, power generation and renewable energy applications that meet these challenges.

- Advanced materials for down hole Oil & Gas applications
- Standard and custom packer elements
- Specialty sealing solutions for power generations units
- Dynamic sealing solutions for wind turbine bearings
- Environmental and grease containment seals for large gearboxes and housings



RENEWABLE ENERGY



OIL & GAS

TELECOMMUNICATIONS

Protecting critical communications infrastructure from extreme environments can be challenging. That's why TechSeal offers highly engineered environmental sealing solutions that improve serviceability, reduce the chance of failure and exceed functional test requirements.

- Hollow friction fit environmental seals
- Parfab extruded and spliced four-corner gaskets
- UL 94 V-0 and fungus resistant materials
- Low closure force and large clearance gap seals



TELECOMMUNICATIONS



PT. TJM INTERNASIONAL

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 ☎ : (021) 8265 1830
 🌐 : www.pttjm.com
 ✉ : enquiry@pttjm.com

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 Kavling No 16, Ds. Telajung RT 001 / RW 04
 Kec. Cikarang Barat, Kab. Bekasi - 17520