



Oil & Gas Industry

Products & Custom Solutions



ENGINEERING YOUR SUCCESS.

Parker Technologies for Oil & Gas Industry

Parker Hannifin Corporation is a leading motion and control company in the world having revenues exceeding \$15.9Bn with over 305 manufacturing locations across the globe.



We design, engineer, manufacture and supply the following products for the Oil & Gas Industry at our state-of-the-art facilities spread across the globe.

Instrumentation Group:

Valves, Fittings, Manifolds, Mono flanges, Check valves for GTs, Instrumentation tubing and fitting.

Filtration Group:

Coalescer, Filters and Separators for liquid and gas application, Natural Gas filters for metering stations, Industrial Nitrogen Gas Generators, Air Compressor Dryers, Turbine Air Intake Filters, Filters for water treatment plants.

Fluid Connectors Group:

Hydraulic and Industrial hose assemblies, High Collapse Resistance Hose (HCR), Ultra high-pressure water blast hoses, Hotlines, BOP Hose assemblies, E/H SPM Hose, Flexible metallic hose, PTFE lines hose.

Motion & Controls Group:

Servo Valves, Hydraulic Cylinders, Directional control valves, Piston Pumps.

Engineered Materials Group:

Seals and O-rings for pumps, valves and actuators, rotating equipment applications.



Motion Systems Group

Parker's Miller Hydraulic Cylinder PARKER-MILLER JV-53BXN- 08.00 SERIES



Application: EHPC (Electrohydraulic Power Cylinder) used for positioning of turbine steam valves in Woodward Governing system for speed control applications.

Parker's HMI/MMA Cylinder Accumulators



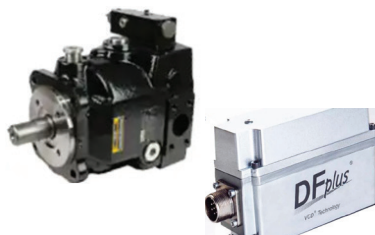
Application: Lifting of coker drums for base repair maintenance, FCCU plants for operating slide valve required for catalyst regeneration, spent catalyst, cooled catalyst and recirculation catalyst applications.

Axial Piston pump, PV/PD Series



Application: Rubber bailer in petrochemical plant, in Bay Stacker.

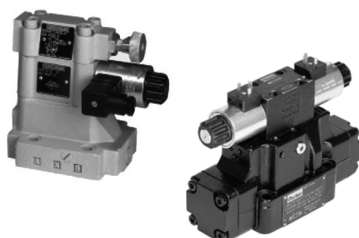
PV16304R2PBD30-NAMNC-40



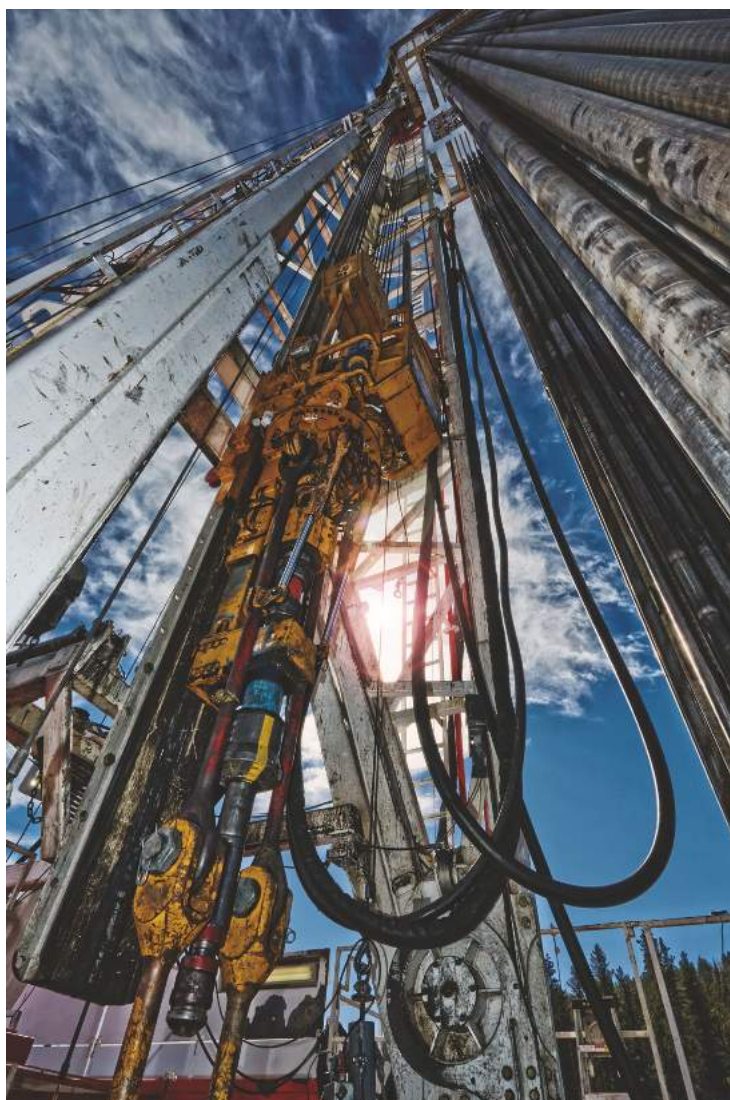
Application: PV pumps in FCCU plants for slide valve operation for catalyst regeneration, spent catalyst, cooled catalyst and recirculation catalyst application.

DF-Plus servo valves for operating E/H control valves used in turbine applications.

Directional Control Valve D1VW



Application: Bay stacker in refineries & petrochemicals.



Fluid Connectors Group

Onshore BOP Hoses as per API 16D



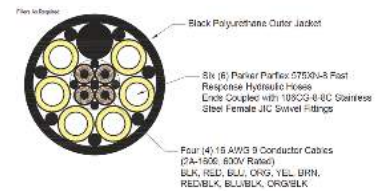
Application: Emergency Shut Down of BOP during Drilling operation. Hoses comply to API 16D Fire Safe requirements. Sizes from 1" to 2".

Black Eagle offshore subsea hose as per API



Application: MEG, Methanol Injection, Chemical Injection, Acidizing, Water Injection. Sizes from 1" to 3", 15000 psi, 600 mts length.

CALM Buoy E/H Hose



Application: PLEM Valve Actuation for SPM applications in refineries. These hose assemblies are custom built to suit customer's applications.

High Collapsible Hose (HCR Hose)



Application: Subsea Hydraulics, BOP Stack, Well Stimulation, Hydraulic Flying Leads. As per ISO 13628-5:2009 / API 17E / ABS, 3000 mtrs length, 6600 psi collapse pressure.

Water Jetting Hose – SPIRABLAST – 50K



Application: Size: 3/8" to 1/2", 20,000 psi water jetting hose for cleaning, de-scaling applications on offshore, onshore rigs, pipelines, and shipyards.

Fuel Dispensing Hose



Application: Size: 5/8" to 1", 232 psi for low pressure petrol/diesel fuel dispensing applications as per EN1360, temperature range: -40 deg C to +55 deg C, pressure range: 232 psi.

Industrial Steam Hose



Application: Size: 1/2" to 2", 150 psi recommended for industrial steam applications, suitable for 232 deg C temperature.



Green Corrugated Chemical Hose



Application:

- Acids, chemicals, solvents
- In-plant and tank transfer, delivery, transport.

Multipurpose Suction & Discharge Hose



Application:

- Brine, crude oil, mild chemicals, petroleum waste, sediments, sludge, slurries, water.
- Frac tank transfer, oil field waste recovery, general industrial.

EPDM Water Suction Hose Series 7392E



Application: Alkalies, Brine, Glycols, Herbicides, Mild Chemicals, Slurries, Water Agriculture, Construction, General Industrial, Irrigation, Surface Mining.

Hot Oiler Hose – Series 7301



Application:

- Hot asphalt, glue, tar, oil, wax.
- In-plant transfer, delivery trucks.
- Construction, general industrial, oilfield.

Tank Truck Hose - Series 7216E



Application:

- Biodiesel (to B20 in dedicated service), diesel, ethanol, gasoline, oil.
- In-plant and storage tank transfer.
- Delivery, transport.

Oiler Suction Discharge Hose



Application: Brine, crude oil, mild chemicals, petroleum waste. Sediments, sludge, slurries, water, Oilfield waste recovery, general industrial.

Silo Hose



Application: Suction & Delivery of Dry Abrasive Media, Dry Cement Alumina Fly Ash Applications.

Instrumentation Group

Small bore connections & tube



Parker's range of small bore connections and tubing offers users a complete asset integrity solution, from vacuum to 6000 psi bar.

B Series ball valve



Parker's B Series ball valves, with its rugged compact design, offer positive shut off or directional control of fluids in process instrumentation applications up to 6000 psi (414 bar).

Pressure Regulators



- Reduce pressures from a high pressure to a stable low pressure
- High reliability
- Long service life
- Best on the market

Hi-Pro Ball valves



Parker's Hi-Pro ball valve is designed for Working pressures in process control applications upto 10000 psi (689 Bar).

Parker Autoclave Cone & Thread Products



Parker Autoclave Engineers Fittings, valves & Tubes are designed to operate safely and reliably at pressures to 150,000 psi (10342 bar). Several important features make this dependable service possible under widely varying conditions & applications.

Change Over System™



- Maintains constant gas flow from cylinders.
- Automatic 'switch over' from empty cylinder.
- Maximises useful life of gas cylinder.

IntraFlow™



- Surface mount technology
- NeSSI™ and ANSI / ISA 76.00.02 compliant.
- Designs specific for each customer.
- Whole system one part number.

Vent Master™



- Protects complete analyser shelter from vent header pressure fluctuations.
- Improves analyser accuracy.
- All mechanical
- Long service life

ProBloc



Parker's ProBloc series is designed to replace conventional multiple-valve installations currently in use for interface with pressure measuring systems.

MPI™ Medium Pressure Products



MPI™ connections are engineered and manufactured to be secure and gas-tight while being made manually (wrench turns) or hydraulically using a set tool. This connection has application throughout industry, including off-shore oil and gas exploration platforms, research labs, and other facilities that require operating pressures to 15,000 psi. MPI™ Fittings are ideally suited to handle liquids, gases, or chemicals and can be used on a wide variety of tubing materials.

Monoflange



Parker's Monoflange is a space saving valve designed to replace conventional multiple valve installations currently in use for interface with pressure measuring systems.

Flushing Ring



Parker offers a unique range of flushing rings in number of different styles and configurations. The flushing Ring is held in place by the through bolting, this allows for ease of installation and to positively locate.



Filtration Group

PECO/Velcon – Liquir-Liquid/ Gas Coalescer, Filter, Separator



Application: Amine, DHT, Isomerization, Alkylolation Unit, FCCU

Media type: pleated and depth, filtration range from 0.3 micron to 100 micron, max temperature: 177 deg C.

Removes 99.5% of liquid droplets ≥ 0.3 microns
Removes 99.99% of all solid particles ≥ 0.3 microns.

Peco Filter



PEACH® DynaSep™ (series PCHG) cartridges are used in the Series 85 filter-separator. This PEACH technology cartridge is a great choice for removing deformable and shear-sensitive contaminants found in natural gas applications. The rigid structure maintains an open porosity and permeability, while the tortuous flow path increases the probability for contaminants to impact filter fibers.

Cartridge series PCHG

Available in polyester and polypropylene medias at 0.1, 0.3, 0.5, 1, 5 and 10 micron filtration.

ATF Filters complying as per EI 1581



Application: Filter cartridges are tested as per API/IP 1581 5th edition at Parker R&D Laboratory which is recognized by DSIR.

Coalescer & Separator filter cartridges are used to coalesce emulsified water and remove particulate contamination from aviation turbine fuel in refineries and at Aircraft bousers for fuel dispensing. They are also used for other hydrocarbon fluids.

Meets the stringent requirement of refineries for 1.0 micron filtration application.

Purolator – Metallic Filters



Application: Diesel application in DHT unit in refinery, Offgas filtration for catalyst regeneration in FCC and Polypropelene unit.

Altair Gas Turbine Filters



- If you are an operator or specifier of gas turbines in the oil and gas industry, PARKER can help you with filter systems for new projects, retrofits and upgrades.
- Our breadth and depth of filtrati on products is wide ranging, offering you choices from G1- H13. Selecting the right filter starts with the pocket or panel prefilter (such as the PB1 or PBR), which is designed to extend the life of your higher grade, higher cost filters downstream. We also offer high-efficiency coalescers including the legacy HVL and HVX filters from our altair System2 and Aquila products.

Parker Village Marine Offshore Desalination Systems



- The Parker Ultra-Pure Water Generation System, designed for offshore, upstream oil and gas installations, uses RO technology to produce an endless supply of ultra-pure, high-grade water for a variety of critical applications.
- Compact footprint.
- Modular design for easy maintenance and expansion.
- ATEX, CLASS I Div. II., ABS Type Approved - Compliant with IEEE, NEC, UL.
- NORSOK Explosion proof ratings: - NEC class 1, division 1 - NEC class 1, division 2 - IEC 60079 zone 2, group IIA.
- Uses advanced membrane filtration technology that maximizes system recovery and minimizes discharge.
- Re-mineralizer post-treatment for pH neutralization.
- Chlorination post treatment.
- Ultraviolet light germicidal systems.
- Status and alarm signal for remote monitoring.

Lab Gas Generators (Nitrogen, Zero Air, Hydrogen)



Application: Carrier and fuel Gas in GCs for Sampling Systems, upto 1200ml/min, OSHA compliance. Safe, compact unit and recommended to replace cylinders.

Industrial PSA/Membrane Nitrogen Gas Generators



Application: Compressor Gas Seal, Tank Blanketing, Pipeline purging, PSA/Membrane type, range : Purity: 99%-99.5+ capacity: 100m³/hr to 200nm³+.

Hydraulic Filters



Application: Contamination removal in hydraulic oil in refineries, offshore, onshore platforms.+

Contamination Monitor as per ISO 4406:1999 & NAS 1638



Application: Recommended for condition monitoring for Hydraulic and Lube Oil, ATF applications in refineries. Direct connection into a system allowing machine operators to take on-line dynamic fluid samples. Analysis range ISO 7 to 24 (NAS- 0 to 12 inclusive). 6 channel particle measurement. 300 test memory.

Portable Filter Carts Guardian Portable Filtration



Application: Portable Filtration Cart: Recommended for tank cleaning application, upto 10GPM, two stage filtration w/particle counter.

Guardian Portable Filtration: 15 lpm, 110, 220, 24VDC w/visual indicator.

Bearing checker



Application: Recommended for bearing health check-up for rotating equipment applications.

Heated Viscometer



Application: Recommended to check the viscosity of oil for rotating equipment applications.

Engineered Materials Group

Sealing Solutions for Oil and Gas

The equipment that moves today's industry is more reliable and highly engineered than ever before. That's why Parker develops and manufactures engineered sealing solutions –

technologically advanced sealing devices and materials that can keep pace with aggressive chemicals, high temperatures and high and low pressures. Our sealing products have our unique

combination of experience and innovation built right in, and we're able to supply them quickly and cost effectively to fit virtually any application you can think of

Sealing Environment

- Aggressive chemicals, including H₂S (sour gas and sour oil), hydrocarbon concentrated bases, amines, formats, and polar solvents
- High pressures to 50,000 psi
- Elastomer temperatures to 608°F
- Metal seal temperatures to 2,000°F
- Tolerances to +/- .001 in.
- Continuous exposure to sea water, steam, steam/oil mixes, petroleum oils, drilling mud, waves, wind, shock, vibration, abrasion, rapid decompression, and rotary cycling
- Production and drilling risers and valves, blowout preventers, wellhead equipment, mud pumps, tricone drilling bit seals, compressors, and controls, just to name a few

Market Environment

- World energy demand will increase due to growth in China, India, and Asian countries
- Rise of technologies to locate, transport and deliver liquefied natural gas (LNG), hydrogen and clean fuel will herald a move from oil to gas as a major world energy source
- Increased globalization will grow demand for global logistics, spurring vendor partnerships and single order point systems

Around the corner or around the globe, Parker is there with engineered solutions to tough sealing problems.

Oil and Gas Product Overview

PTFE - FLEXISEAL, FLEXILIP, FLEXICASE



- Our full line of spring energized PTFE lip seals are used on rod, piston, face, and rotary sealing applications.
- Typically used in areas where elastomeric seals cannot meet the frictional, temperature or chemical resistance requirements of the application.
- The filled PTFE sealing element, available in single, dual and triple sealing lip designs, provides chemical compatibility, a wide temperature range and highspeed capability.

Application: Pumps, valves, pumps, flowmeters, loading arms, compressors. Suitable for -260 Deg C to 315 Deg C for H₂S service, Low & High temperature applications in Oil & Gas & Chemical Process Industry.

O-rings / Back up Rings



O-rings are available in all AS568 inch sizes and a wide range of metric sizes (DIN 3771, ISO 3601 and JIS B2401) as well as custom sizes. O-rings can be molded in a wide range of elastomer compounds ranging from basic nitrile to perfluorinated materials called ULTRA.

Materials: NBR, SILICONE, HNBR, EPDM, FKM(Viton), FFKM (equivalent to kalrez, chemraz grades), PU, PTFE and PTFE coated.

Application: Mechanical Seals, Pumps, Valves, API Pumps, Flowmeters, Loading arms, Compressors. Recommended for steam, hot water, amines, alcohol service, temperatures ranging from -57deg C to 320 deg C.

Oilfield Rubber Products



- Our drilling and well-servicing products span a broad range – including blowout preventers, packer elements, diaphragms, drill pipe/casing protectors, hammer union seals, packer cups, cement plugs, liner wipers, flex plugs, oil saver rubbers, pipe wipers, rod strippers, swab cups, pulsation dampeners, test cups and water saver rubbers.

Rod and Piston Seals (Actuator/Cylinder Seals)



- U-Cups and the PolyPak® line of fluid power rod and piston seals have been the industry standard for over 40 years.
- PolyPak and U-Cup seals are available in a variety of profiles, energizers, and seal materials, providing seal solutions for light, medium and heavy-duty hydraulic applications.

Materials: NBR, FKM, PU, PTFE, Filled PTFE

Application: Hydraulic and Pneumatic Cylinders and Actuators or control valves.

Bearing Isolator



- The unique design to for zero lubricant leakage and total exclusion of contaminants.
- Fourteen standard profiles are available to allow for ease of retrofitting most equipment.
- Typical size range is for shaft diameters from 0.492" (12.5 mm) to 38" (965 mm).
- ProTech has also been independently tested to IEEE IP55, IP56, IP66 and IP69k

Application: For all API Centrifugal Pumps, Compressors, Turbines, Cooling Tower fan drive, electric motors, to prevent dust and moisture ingress into the bearings preventing any system failures.

Rotary Seal/Shaft Seal/Oil Seal



- Parker provides the most complete coverage in the industry of shaft seals for rotating applications.
- High-efficiency lip seals for Rotating Shafts.
- Proven long-term Bearing Protection.
- Most standard sizes ex-stock
- Unlimited diameters to order in metric and inch dimension.
- V-ring and Metal Cased Lip seals.

Materials: NBR, FKM and PTFE

Application: Reducers, Pumps, Motors, Gearboxes, Mixers, compressors, Overhead cranes, Hoists, Elevators, Flywheel, Tapered bearings.

UltraCOMP™ Engineered Thermoplastics (PEEK)



Parker's UltraCOMP™ Engineered Thermoplastics are formulated for use in extreme temperature, pressure, and chemical environments. Their excellent fatigue resistance and stability in high-temperature environments make them the material of choice where other materials fail.

Features

- High-temperature capability
- Strength and wearability
- Chemical resistance
- Wear resistance
- Hydrolysis resistance
- Radiation resistance
- Low flammability
- Low smoke and toxic gas emission
- Electrical insulation properties
- Purity with low ppm extractable

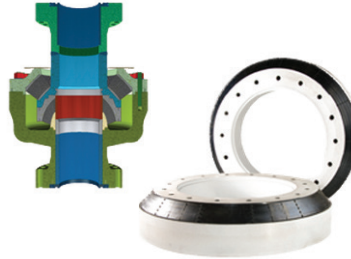
LORD Products (APS, EPM, NVH)

Telescopic Joints Slip Joints



Application: Telescopic Joint (TJ) Packers seal against the inner barrel of the slip joint. Our expertise in rubber-to-metal bonding, and process and quality controls, ensure each part is manufactured consistently, with a strong bond. This attention to detail, coupled with our elastomeric formulation capabilities, makes LORD TJ packers the reliable choice for rig contractors.

Elastomeric Bearings



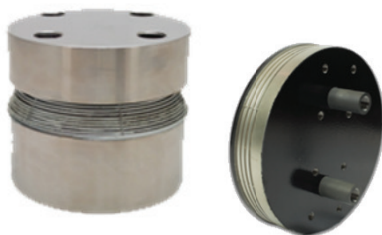
Application: LORD® flexible joints accommodate the motion of the rig relative to the subsea wellhead. Features unique dual bearing design - Seal bearing optimized for high-pressure containment and fluid resistance - Load bearing optimized for low rotational stiffness and fatigue strength - Load bearing functions as a redundant seal to improve reliability and capability over a single bearing design • High Pressure, High Temperature (HPHT) versions available (>350°F).

Snubbers for MWD Electronics



Application: Shock Absorbers for MWD Battery, Gamma, Pulser Driver and Directional Orientation Modules. With our isolators, you no longer have to compromise between reliability, durability and performance. First commercially introduced in 2012, LORD isolators have been outperforming any snubbers available on the market. In outcomes from customer and lab testing, our isolators have demonstrated significant reduction in shock and vibration, resulting in improved reliability.

Riser Tension Bearing



Application: LORD® riser tensioner bearings are laminated bearings that react loads in the riser tensioner system. We have two types of bearings for riser tensioner systems: Riser Tensioner Cylinder Bearings and Riser Tensioner Frame Bearings. Riser Tensioner Cylinder Bearings are laminated elastomeric bearings located at the terminations of the

cylinders. This technology is an improvement over hard bearings and shackle designs. Reduces side loading on cylinders by 90% in normal operation and by over 99% in seized scenario. Eliminate stick-slip phenomenon associated with hard bearings and shackles. Lasts for 20-25 years.

Axial Isolators



Application: LORD® Axial Isolators, or MWD shock absorbers, are specifically designed to protect Measurement While Drilling (MWD) electronics from axial shock and vibration. Our field-proven axial isolator can extend the life of MWD tools and protect downhole electronics in a broad range of operating conditions by significantly reducing the magnitude and quantity of shock events.

Parker Application Guide

Product Group	Description	Link
Fluid Connector Group	Parker HCR Hose	https://www.parker.com/Literature/Parflex/4900-HCR_Collapse-Resistant-Subsea-Hose.pdf
	Parker BOP Umbilicals, Hotlines, and Electro Hydraulic Umbilicals	https://www.parker.com/Literature/Parflex/4900-oil-gas-umbilicals.pdf
	Blowout Preventer Hose System	https://www.parker.com/parker/jsp/newsRoom2016/jsp/landing/getDocUrlAjax.jsp?path=/Parker.com/Divisions-2011/Hose%20Products%20Division%20-%20Europe/Literature/Blowout%20Preventer%20Hose%20System_B4480_B43_UK_2014_09_18.pdf
Engineered Material Group	“Db” S-seal Profile Is Cost-effective Elastomer Solution For Problematic Oil & Gas Applications	https://www.parker.com/literature/Engineered%20Polymer%20Systems/5231.pdf
	Specification Grade HPHT Thermoplastic Materials	https://usermanual.wiki/m/ef5dbad7222e378fb22bcb5f6e09de6d3628bfede3165f461bb22c47b92cc65e.pdf
	UltraCOMP™ Engineered Thermoplastics For the Energy, Oil & Gas Industry	http://www.parker.com/parkerimages/packing/pdf/5260.pdf
	Reliable Solutions for Critical Applications	https://www.parker.com/literature/Engineered%20Polymer%20Systems/5291.pdf
	Sealing Solutions for Energy, Oil and Gas	http://www.parker.com/literature/O-Ring%20Division%20Literature/Parker_TechSeal_Sealing_Solutions_for_Energy_Oil_and_Gas_TSD_5441.pdf
	Sealing Solutions for Oil and Gas	https://www.parker.com/parkerimages/Parker.com/Countries-2011/Singapore/Markets/Oil%20&%20Gas%20Market%20Files/Sealing_Solutions_for_Oil_And_Gas.pdf
Filtration Group	Acid Gas Recovery	https://www.lbltrading.com/wp-content/uploads/2020/11/Acid-Gas-Recovery-%E2%80%93-Amine-Unit.pdf
	Extended Availability and Reliable Operation Through Gas Turbine Inlet Filtration	https://www.parker.com/literature/GTF/altair/ALTAIR029-Oil&Gas-Industry-Brochure-Parker.pdf
	Refinery - Amine Unitfiltration & Separation Equipment	http://www.parker.com/parkerimages/Parker.com/Literature/Industrial-Process/PECO-O&G-US-Lit/ADS-OG-REF-AMINE-190703%20(11X17).pdf
	Downstream - Petrochemical	https://www.nefilter.com/wp-content/uploads/2020/09/BR-OG-PET-ETHYLENE-200303-3.pdf

Product Group	Description	Link
Filtration Group	Nitrogen Generation Systems for the Oil and Gas Industry	http://www.parker.com/parkerimages/Parker.com/Literature/IGFG/PDF-Files/BUL.N2OG.pdf
	Downstream - Petrochemical Ethylene Process – Cracking and Separation Filtration Solutions with PECO Products	https://fischer-robertson.com/pdfs/manufacturers/parker-peco/datasheet-peco-ethylene-process-filtration.pdf
	Hydrotreating Refinery - Hydrotreating Unit Filtration Solutions with PECO Products	https://www.parker.com/parkerimages/Parker.com/Literature/Industrial-Process/PECO-O&G-US-Lit/BR-OG-REF-HYDROTREATING-190702.pdf
	Refinery - Hydrotreating Unit Filtration & Separation Equipment	http://www.parker.com/parkerimages/Parker.com/Literature/Industrial-Process/PECO-O&G-US-Lit/ADS-OG-REF-HYDROTREATING-190702%20(11X17).pdf
	Oil and Gas Disposal of Produced Water in Oil & Natural Gas Production Market Application Publication	https://www.parker.com/Literature/Industrial-Process/OG-Lit/Upstream/MAP%20OilGas%20Water%20Disp_dhp-NA.pdf
	Natural Gas Dehydration Glycol Dehydration Process Filtration Solutions with PECO Products	https://fischer-robertson.com/pdfs/manufacturers/parker-peco/datasheet-peco-gas-dehydration.pdf
	Oil & Gas Filtration and Separation Solutions Engineered Systems for Upstream, Midstream & Downstream Applications	https://www.parker.com/parkerimages/Parker.com/Countries-2011/Singapore/Markets/Oil%20&%20Gas%20Market%20Files/Oil%20&%20Gas%20Filtration%20and%20Seperation%20Solutions%20-%20eng%20sys%20for%20upstream,%20midstream%20&%20downstream%20applications.pdf
	Parker Village Marine Offshore Desalination Systems	https://www.parker.com/content/dam/Parker-com/Literature/Water-Purification/Parker-Components/RacorVMT_Commercial_Systems_BRO_7799.pdf
	Altair Gas Turbine Filters	https://www.parker.com/literature/GTF/altair/ALTAIR029-Oil&Gas-Industry-Brochure-Parker.pdf
	Purolator – Metallic Filters	https://promo.parker.com/promotionsite/ipf-metallics/us/en/home
	Hydraulic Filters	https://www.parker.com/content/dam/Parker-com/Literature/EMHFF/Miscellaneous/HFD_Capabilities-2300-427C_pgs.pdf
	ATF Filters	https://promo.parker.com/parkerimages/promosite/Parker%20Velcon/UNITED%20STATES/Literature%20and%20Media/VEL1841-BUL-Products-for-Aviation-Fuel-Handling.pdf
	Parker Village Marine Offshore Desalination Systems	https://www.parker.com/content/dam/Parker-com/Literature/Water-Purification/Parker-Components/RacorVMT_Commercial_Systems_BRO_7799.pdf

Product Group	Description	Link
Filtration Group	Contamination Monitor	https://www.parker.com/content/dam/Parker-com/Literature/EMHFF/ConMon/HFD_ConMon-2.pdf
	Kittiwake Condition Monitoring	https://www.parker.com/content/dam/Parker-com/Literature/Hydraulic-Filter/Kittiwake-US/Kittiwake-Product-Catalog.pdf
	Analytical gas generators	https://www.parker.com/literature/Balston%20Filter/AGS/AGS%20Catalogs/PDFs/Analytical_Gas_Systems_Catalog.pdf
	Portable filter carts	https://www.parker.com/content/dam/Parker-com/Literature/EMHFF/HFD_Catalog/HFD_Catalog_Filter_Carts.pdf
Motion System Group	Onshore Oil and Gas For Mobile Applications	http://pzip.ru/downloads/parker/Bul_HY14-2406_Onshore_Oil-Gas.pdf?sku=3479172002
	Offshore Oil and Gas For Industrial and Mobile Applications	http://www.parker.com/literature/Hydraulic%20Valve%20Division/hydraulicvalve/Catalogs-Bulletins/Ind-EH-Mbl%20[misc%20bulletins]/Bul%20HY14-2557%20Oil-Gas_Brochure.pdf
	Oil & Gas Hydraulic Valves For Onshore and Offshore Applications	http://www.parker.com/parkerimages/Parker.com/Literature/Hydraulic%20Valve%20Division/hydraulicvalve/Catalogs-Bulletins/Oil%20and%20Gas/OilAndGasBrochure_MSG14-2503.pdf
Instrumentation Group	316L Stainless Steel Explosion Proof Coil For Oil & Gas Market & Other Harsh Environments	http://www.parker.com/Literature/Fluid%20Control%20Division/Bulletins/PDFs/316L-Explosion-Proof-Process1215.pdf
	Oil and Gas Innovation: Upstream. Worldwide.	http://www.parker.com/literature/Brazil/Market%20Brochures/Oil_and_Gas_INTL.pdf
General	Oil & Gas Market Penetration Initiative Sales Company France	https://www.parker.com/literature/France/France%20-%20PDF%20Files/Oil_Gas_Presentation_Feb%202013_Web.pdf
	Simulation & Testing to Mitigate Challenges in Subsea Oil & Gas	https://magazines.marinelink.com/magazines/OffshoreEngineer/202103/pdf/

Parker Hannifin (India) Pvt. Ltd.

Manufacturing Locations

Mumbai

Parker Hannifin India Pvt. Ltd.
Plot EL-26, MIDC,
TTC Industrial Area Mahape,
Navi Mumbai - 400710, India
Ph:+91 22 41242500

Hyderabad

Parker Hannifin India Pvt. Ltd.
Plot No.26-29, Phase-IV,
IDA Patancheru,
Hyderabad – 502319.
Telangana.
Ph.No.: 08455 - 668700
Fax No.: 08455- 668799

Nagpur

Parker Hannifin India Pvt. Ltd.
Khasra # 145,146,153/1,
153/3,157,
Amravati Road, Bazargaon,
Nagpur - 440 023.
Tel : +91 7118 665202

Chennai

Parker Hannifin India Pvt. Ltd.
Plot No P-41/2, 8th Avenue,
Domestic Tariff Area,
Anjur Village,
Mahindra World City,
Chengalpattu,
Chengalpattu-Dist,
Chennai, Tamil Nadu 603004.
Tel : +91 44 4391 0700 /
4391 0799

Olaer

Parker Hannifin India Pvt. Ltd.
No.21/C, KIADB, 1st Phase,
Kumbalgod Industrial Estate,
Bengaluru - Mysore Highway
Bengaluru - 560074,India.
Tel.:+91 80 28437690-91,
Fax:+91 80 28437799

Nashik

Parker Hannifin India Pvt. Ltd.
Lord India Pvt. Ltd.,
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