



ARVI HITECH PRIVATE LIMITED



PRODUCT PRESENTATION - FCG

Authorised Distributor Of Parker Hannifin

Arvi Hitech Private Limited



ABOUT PARKER

Parker is the world's leading diversified manufacturer of motion and control technologies and systems, providing precision-engineered solutions for a wide variety of commercial, mobile, industrial and aerospace markets.

- 263 manufacturing sites around the world
- 8,200 distributors
- 400,000 customers
- 3,200 product lines
- Listed as PH on the NYSE

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PARKER FLUID CONNECTORS GROUP

Fluid System Connectors Division is dedicated to quality and service from design to delivery. From prototypes and new products to design improvements and manufacturing efficiencies, our engineers are working to help you accomplish your goals.

Utilizing state-of-the-art technologies, we provide a high level of field support and customer design work for a variety of fittings, including pneumatic, push-to-connect, industrial, compression, barbed fittings, as well as for valves, adapters, manifolds, and much more to suit your needs.



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INDUSTRIES

PARKER FCG

- Aerial Lift
- Agriculture
- Bulk Chemical Handling
- Construction Machinery
- Energy
- Food & Beverage
- Fuel & Gas Delivery
- Industrial Machinery
- Medical
- Mining
- Mobile
- Oil & Gas
- Shipbuilding and Transportation

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KEY PRODUCTS

PARKER FCG

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- Tube Fittings
- DIN Fittings (Ermeto)
- F37 Parflange System
- SAE Fittings
- SensoControl - Diagnostic Products
- Tubes
- Tube Clamps
- Ball Valves, Non-Return Valves
- Quick Release Couplings
- Push-Lok Hose
- Thermoplastic Hose
- Industrial Hose
- Hydraulic Hose
- Hose Crimpers

EO-3®

The EO-3® fitting series offers many advantages: Indicator ring for unambiguous assembly outcomes. Leakage due to over or undertightening is prevented. Taper thread as new thread design simplifies the assembly, assembly time is reduced. The tearout-proof connector technology increases the safety of the whole system. Thanks to compact design, EO-3 fittings are faster and easier to assemble, even by restricted space. The soft seal is integrated in the cone and cannot be damaged or lost.

Customer Benefits

- Leakage is prevented by unambiguous assembly inspection
- Increased machine performance
- EO-3® meets increased safety and quality measurements now in force
- Avoids additional costs for reworking



EO-2



The common feature of all EO-2 fittings is elastomeric seals on all joints. These are also available in FKM for applications with higher temperatures or aggressive media. EO-2 offers many advantages: Leakfree, reliable, stable function of the entire construction. Long life time cycle. High corrosion resistant Cr(VI)-free surface. Fast, simple and safe assembly by sealing ring, integrated in functional nut.

Customer Benefits

- Cr(VI)-free surface protection
- High sealing capability
- Excellent durability
- Defined bite-control
- Noticeable assembly stop
- Reliability
- Available in steel and stainless steel



EO-PSR

The EO-PSR fitting produces highpressure, leak free connection of tubes and components in hydraulic systems. The basic function of EO-PSR is the controlled progressive bite of the EO-PSR into the tube due to a unique internal geometry.

Customer Benefits

- Cr(VI)-free surface protection
- High pressure up to 800 bar
- Safe assembly
- Overtightening protection
- Available in steel and stainless steel



EO2-FORM



The common feature of all EO2-FORM connections is the EO-2 seal elements as well as the cold forming process, that gives extreme rigidity and low tightening torques. Compared to welding or brazing, the EO2-FORM process is faster and easier. It does not require special tube treatment, heating or chemicals

Customer Benefits

- No welding
- Cost saving
- Forming process
- Clean and Safe



SERVICEMAN PLUS



The new Serviceman Plus is a mobile, extremely robust and easy-to-use measuring device for many measurement tasks in mobile hydraulics or stationary hydraulic systems. With the automatic sensor recognition you can simply plug in pressure, temperature, flow or speed sensors and start the measurement immediately. It is easy to use without setting the sensor parameters; the measurement ranges are scaled automatically and the measure is shown on the screen.

Customer Benefits

- CAN Technology
- Plug&Play Functionality
- Cable length up to 50 m
- Low wiring expenditure
- High interference resistance
- Robust (IP 67)



THE PARKER SERVICE MASTER PLUS



Mobile, robust and easy to operate. Pressure, temperature, volume flow and speed can be measured, monitored and analysed. Total memory for more than 1 billion measured values.

Customer Benefits

- Functionality, CAN, LAN- and USB-interfaces
- Plug & Play Functionality
- Project templates can be stored and loaded
- More safety by automatically recorded measured data



TUBES AND TUBE CLAMPS

The tube programme from Parker Hannifin gives all possibilities for usage in hydraulic applications. Tubes for fitting- and flange-systems, tubes for mobile and stationary systems. Different dimensions, carbon- and stainless-steel tubes as well as different surfaces are available.

Customer Benefits

- Increased constructive abilities by large range of products and materials
- Delivery from a single source for fast and easy order process



VALVES



Ball valves, non-return valves, test points – broad product range from a single source. Many materials for different applications. For more safety and higher functionality of hydraulic equipment. Fast and easy to order.

Customer Benefits

- More constructive freedom by broad range of products and material
- Fast and easy to order from a single source



PARFLANGE® F37 AND COMPLETE PIPING SOLUTIONS



Compared to conventional welding, leakfree tube systems can be done much faster and cost saving with the Parflange F37 technology. With soft sealing at every connection point. For tubes up to 165 mm outside diameter, wall thickness up to 9 mm and pressure ratings up to 420 bar. Hole patterns according ISO 6162-1, 6162-2 and ISO 6164. Parflange F37 is part of the modular Complete Piping Solution system: From consulting and engineering up to the installation of customized hydraulic systems, the customer decides about the configuration of the service package.

Customer Benefits

- Less production steps: Cost saving, faster than welding
- Increased value by customized solutions
- Worldwide available technology offer more flexibility



O-LOK®



The O-Lok® fitting is an O-ringface seal (O.R.F.S.) type fitting that consists of a nut, a body, an O-ring and a sleeve. Parker O-Lok® fittings come standard with a trapezoidal seal „Trap Seal“.The tube is flanged to 90° using the Parflange® system. Fitting series for long operating duration. Many applications by high pressure ratings.

Customer Benefits

- No seal fall out due to CORG-design
- For hose- and tube connections
- For metric and inch tubes
- Ease of assembly
- Over torque capability
- Available in steel and stainless steel



TRIPLE-LOK®

The appeal of the 37° flare fitting is in its simplicity, compact design, ease of assembly, reliability, wide availability and acceptance. It is especially suited for low and medium wall thickness tubing. Suitable for pressures up to 500 bar for small sizes and up to 140 bar for the largest sizes.

Customer Benefits

- Broad range of applications by increased pressure ratings
- Individual bagging avoids rework caused by contamination
- More constructive potential by broad product range



COMPACT SPIRAL HOSE



Compared with conventional spiral hose, Parker's Compact Spiral™ 787TC/797TC hose offers measurably greater advantages in routing and installation, product size and weight and inventory savings. Compact Spiral™ was developed in concurrence with the industry trend toward high-pressure hose manufactured to ISO specifications.

Customer Benefits

- 1/3 less effort to bend
- Nearly 30 % smaller O. D.
- Tested to 2,000,000 cycles
- High abrasion resistance
- Simplified fitting selection
- 25 % less hose weight



RAIL HOSE



Parker offers system solutions for rail transportation and meets the new European rail standard EN45545 which includes the defined high hazard level (HL-2) or highest (HL-3). All hose types are according to the requirements of the fire test ISO 15540.

Customer Benefits

- Low , medium and high pressure hose types
- Textile or steel wire braids
- Flame retardant and toxicity cover
- Hose dimensions from DN 6 to DN 52
- High working temperatures up to +125 °C



ELITE NO-SKIVE HOSE



The new wire braided Elite NoSkive hose range with outstanding technical properties such as superior tough hose cover exceeds the EN specifications and meets the OEM and MRO requirements of today and tomorrow. The range also includes a new chlorine-free hose type with a smooth pure nitrile inner tube -a hose which is environmentally friendly from production to disposal and that with an excellent chemical resistance.

Customer Benefits

- Exceeds European specifications
- Long service life
- Innovative product line
- Temperature range up to +125 °C -down to-50°C
- Extreme abrasion resistance

PARKRIMP® NO-SKIVE SYSTEM

It's so easy to crimp your own hose assemblies whenever you need them. Parkrimp® No-Skive– the system for leak-free hose assemblies with No-Skive onepiece fittings. Learn more at www.easy-crimping.com

Customer Benefits

- No need to remove hose cover
- One-piece NoSkive-fittings
- No gauges to set on machine
- Portable crimpers for field repairs
- Meets EN safety regulations



HOSE PROTECTION

parker offers a huge range on hose protectors to let you work smarter, faster and better. In places where the hose assembly is exposed to severe mechanical strain, additional hose protectors such as guards, sleeves etc. have proven to be a good solution

Customer Benefits

- Spring/Amour Guards
- Protective sleeves and fire sleeves
- Prevent kinking of hoses
- Protection against abrasion,damage, against extremely high temperature conditions.



MULTIPLE LINES

Hose assemblies comprised by two or more hoses which are welded together („Twin Lines“) are a significant advantage of the thermoplast hose technology. The hoses stay in place, no twisting and friction between the hoses. Typical applications are mast hoses of fork lifts or the boom of telehandlers.

Customer Benefits

- Reduced space requirements and improved handling
- Maximum versatility and line identification
- Replace energy chains and handle both hydraulic lines and cable guides



BIG BORE HOSE

Big Bore hydraulic hoses for low, medium and high pressure in No-Skive and ParLock Skive technology with a complete crimp fitting range – the complete solution to fulfil all high flow rate hydraulic in market like oil and gas, mining and heavy duty construction.



Customer Benefits

- Very robust
- Highly flexible even in big diameters
- Long service life, reduced downtime
- Hoses with MSHA approval



PUSH-LOK®



The Push-Lok multipurpose hoses – available in 6 colours – are recognized industry-wide as the range with the most extensive chemical resistance, available for multipurpose applications and available in a huge variety of sizes. The hose is approved with Push-Lok fitting series 82 (with end-configurations in DIN, BSP, SAE, JIC and ORFS).

Customer Benefits

- The self-grip hose system for low pressure applications
- Wide variety of hose types in rubber, thermoplast and hybrid
- 6 different colours
- Easy assembly (no tools or clamps required)
- One fitting series



BLOWOUT PREVENTER (BOP)



Optimum performance combined with highest safety is the main aspect. Blowout Preventer hose assemblies generally work in tight spaces, with frequent vibrations, in tough environments because of temperature, contact with ozone and salty air and water. Parker offers a complete range of Blowout Preventer (BOP) hose assemblies. All hose assemblies are made in Europe from high-quality components.

Customer Benefits

- Tested according to API16D
- Steel and stainless steel fittings and armour
- Complete system, assembled and tested
- Full range, from 1/2" to 2", working at 5,000 psi and 6,000 psi
- Length up to 40 m, integral hammer union in 2"



PREFORMED HOSES



Tailor made Solutions: Parker's preformed technology is the solution for your cost management and technical challenges. It combines the advantages of steel tubes with the flexibility of tubes. New design solutions with tailor made products..

Customer Benefits

- Up to 25% reduced installation times Reduced space requirements and less fastening elements
- Elimination of leakage points



ON BOARD HEATED SCR LINES

With Electrically Heated SCR Hose Assemblies from Parker's Parflex Division, a cleaner exhaust system means a cleaner environment. Designed for heating and conveying DEF (Diesel Exhaust Fluid) throughout the SCR system on commercial vehicles, Parflex hoses are made to handle both on-road and off-road applications while helping you stay Tier IV and EPA, 10 compliant..

Customer Benefits

- Heated fittings and overall improved thaw performance
- Overmolded fittings and strong protective cover
- High grade fitting and hose materials improve service life and robustness



FLUOROPOLYMER HOSES

PTFE is uniquely chemical resistant and inert and features an anti-adhesive surface. This reduces the risks of building up deposits. Hose assemblies can be cleaned easily. Due to the large suitable temperature range from -50°C up to $+230^{\circ}\text{C}$ PTFE is suitable for a lot of applications.

Customer Benefits

- For all extremely demanding applications with high temperature or high chemical resistance requirements
- Minimal pressure drop and effortless cleaning
- Superior flexibility



BLACK EAGLE FAMILY

BLACK EAGLE family is a range of multispiral wire reinforced hoses specifically designed for the oil and gas market. Performing operations such as Acidizing, Cementing, Methanol Injection, Well Stimulation, Control Fluids and more recently in Light Weight Intervention (LWI) applications. A single length can be deployed in offshore operations, faster and safer with less connections and less risk to personnel. Also BLACK EAGLE reduces the cost in maintenance and labour associated with well servicing.

Customer Benefits

- Superior handling and faster deployment or exchange
- Cementing applications benefit from 20% average cost reductions
- Less leakage points and inventory
- Versatile with lengths up to 1.200 mand working pressures up to 15.000 psi



CHEMJEC HOSE-FAMILY



CHEMJEC hoses incorporate a new fluoropolymer based core tube. CHEMJEC enables us to offer hoses with extremely low permeability and chemical resistance combined with higher working temperatures. Typical applications for CHEMJEC are chemical, acidizing and methanol treatments for well bore cleanout at high temperatures to avoid problems of production in subsea facilities, therefore minimizing operational downtime and loss of production..

Customer Benefits

- Long length and jumpers offer unmatched flexibility
- 2x higher acid concentrations deliver improved efficiency
- Reductions of changes in length and volumetric expansion



ULTRA HIGH PRESSURE HOSES

Parker hoses for Ultra High Pressures build a complete range of hoses covering up to 4.000 bar working pressure. Product quality is our highest concern to secure optimized safety for all operators. Water jetting and cutting or tube cleaning are common uses, as well as tank cleaning or colour removal.

Customer Benefits

- Versatile products with superior quality and safety
- Delivery hoses offering a pressure drop reduced by 90%
- Polyflex Lok is the unmatched fast connection solution upto 3200 bar



E-Z FORM

E-Z Form hose provides extreme flexibility for easy and quick installation of coolant, water and oil suction/return lines on mobile and industrial equipment. Available in multiple incremental sizes, E-Z Form hose reduces installation time, eliminates the need for costly made-to-order pre-formed hose and provides rapid delivery from stock without requiring dedicated inventory.

Customer Benefits

- Easier and quicker assembly
- Less stock required
- Superior kink resistance, minimal force to bend, outstanding flexibility
- Performance equal to SAE J20R2-D1
- Global Product



GST® II



GST® II hose is a versatile general purpose hose designed to handle air, mild chemicals and water. The Special EPDM inner tube is compatible with light oil mists found in air tool lubricating systems. The multiple plies of textile reinforcement provide flexibility while assure a very high safety factor of 4:1. The cover is resistant to abrasion, heat and ozone. Both tube and cover compound are nitrosamine-free to sustain the environment.

Customer Benefits

- Nitrosamine free compounds
- Permanent fittings capability
- EPDM compound suitable also for oil mist
- Upgraded Safety Factor 4:1
- Global Product



PARKRIMP HOSE CRIMPERS

Parkrimp hose crimpers for onepiece No-Skive fittings enable by their modular design the customer to choose between the profitability that Parker KarryKrimp crimpers have always offered, and the option to make these same crimpers bench mount units. The modular design gives users the flexibility of a portable crimper with the advantage of increased productivity when connected to the Bench Power Unit 85CE-1PE.

Customer Benefits

- Available in modular design for both portable and bench mount use
- Used with a hand pump or with air-hydraulic or electrical pumps
- Parkalign® for correct fitting positioning and pivoting pusher for easy die exchange
- Increased height for long elbow fittings



PARKER RSD-SERIES



The highly engineered RSD coupling is an optimal solution for all types of agricultural applications where ISO A interface is used. Other practical features of the system include an integrated brake-away function that automatically uncouples the hose if it is pulled too hard. The valve locking system prevents the valve from closing when coupled in the case of a high backflow of oil.

Customer Benefits

- Improved process reliability due to Push-pull coupling system
- Can be coupled under pressure upto 250 bar on the plug side
- Plug profile compliant with ISO 7241-1 series A.



PARKER TEMA FEM/IF-SERIES



The plug profile of FEM, FEC and IF series according to ISO Standard 16028 is compatible with other series complying with the same standard. Leakfree coupling system. Thanks to the valve design, the coupling has a minimum pressure drop. Exists in standard version (steel) and stainless steel.

Customer Benefits

- FlatFace Design
- Available with pressure eliminator on coupling side
- Available in a special version for Multiplates
- Single-hand operation
- Chrome 6 free



PARKER TEMA FF-SERIES

The coupling system of the FF series has double shut-off, dry break and single-handed operation. During disconnection there is no oil loss, and during coupling there is no inclusion of air into the system.

Customer Benefits

- FlatFace Design
- Working pressure up to 800 bar
- Minimum pressure drop Upto 85% higher flow rates compared to other ISO 16028 coupling systems
- Double sealing in nippel
- Chrome 6 free



PARKER QHPA-SERIES

Screw-to-connect type of coupling for difficult applications. Rugged, modular construction in steel, working up to 450 bar

Customer Benefits

- Robust, modular construction made of steel
- Resistant to mechanical and hydraulic shocks
- Suitable for applications with vibrations/shocks



1400KE/1600KE/ 1700KE



Safety coupling of series 1400KE, 1600KE and 1700KE with a selfventing function. When the sleeve is pulled back, the plug is released yet remains locked in. The coupling valve closes. The compressed air can now escape from the plug (hose). By operating the sleeve again in the direction of the plug, the second locking system is released. Only now can the connection be disengaged. The system is compliant with the requirements of ISO 4414, DIN EN 983.

Customer Benefits

- Prevents whiplash effect
- Optimized flow rate (UltraHigh Flow-Valve)
- Low Coupling Force
- Singel-hand operation



SERIES 20/21/25/26/27



Reliable coupling range from NW 2.7-10 in brass/steel and stainless steel up to 35 bar. Compatible with virtually all European profiles for use in all industrial applications. The modular principle allows many different valve

Customer Benefits

- European industrial profiles (compatibility)
- Modular principle - individual valves and connection options
- Working pressure up to 35 bar



DRYBREAK 200KL-SERIES



Leak-free coupling system for sensitive environments and applications with aggressive media. Coupling system with single-hand operation, extremely low leakage rates and minimal dead space volume. Absolutely no air pockets when coupling and minimal leakage when uncoupling. Low coupling forces.

Customer Benefits

- Minimal coupling forces
- Leakage reduced to a minimum
- Ergonomic sleeve and smooth surface to protect against dirt/deposits



NSP-SERIES



Flatface coupling system for cooling circuits. Noleakage when disconnecting and, at the same time, no air inclusion in the system. For use with water and thermo-oil at temperatures of up to 200 °C. Top efficiency with maximum flow and limited pressure drop.

Customer Benefits

- Rugged Push-to-Connect coupling system
- FlatFace Design
- Especially suitable for water and oil up to 200°C
- For use in the area of tempering and cooling



SNAP-TITE 75-SERIES

Rugged Parker Snap-tite 75-Series is designed and constructed for high pressure hydraulic service. Primary use is in oil fields and offshore drilling. Other applications include cranes, power tongs, horizontal boring and dewatering. Can be connected/disconnected whilst pressurized

Customer Benefits

- 3/4" to 4" made of steel or stainless steel
- "Firesafe" version available, certified according to API SPEC 16D for blowout preventers
- Thread-to-connect coupling -ACME thread



SNAP-TITE 73-SERIES

The Parker Snap-tite 73-Series is designed specifically for waterjet, waterblast, oilfield injection and test systems where ultra-highpressures are commonplace.

Customer Benefits

- Available in 1/4" stainless steel
- Working pressure up to 3000 bar
- Safety lock prevents accidental disconnection



SNAP-TITE 77-SERIES

The Parker Snap-tite 77-Series is a drybreak coupling with minimal fluid loss and air inclusion. It has an internal sleeve lock as a safety feature. Designed for applications such as hydraulic test stands, hydrotesting and offshore drilling/production platforms where high-pressure fluids and cleanliness are mandatory.

Customer Benefits

- Available in 1/4" steel or stainless steel
- Working pressure upto 2480 bar
- Segment locking prevents the so-called oscillating effect



HIGH PRESSURE HP-SERIES

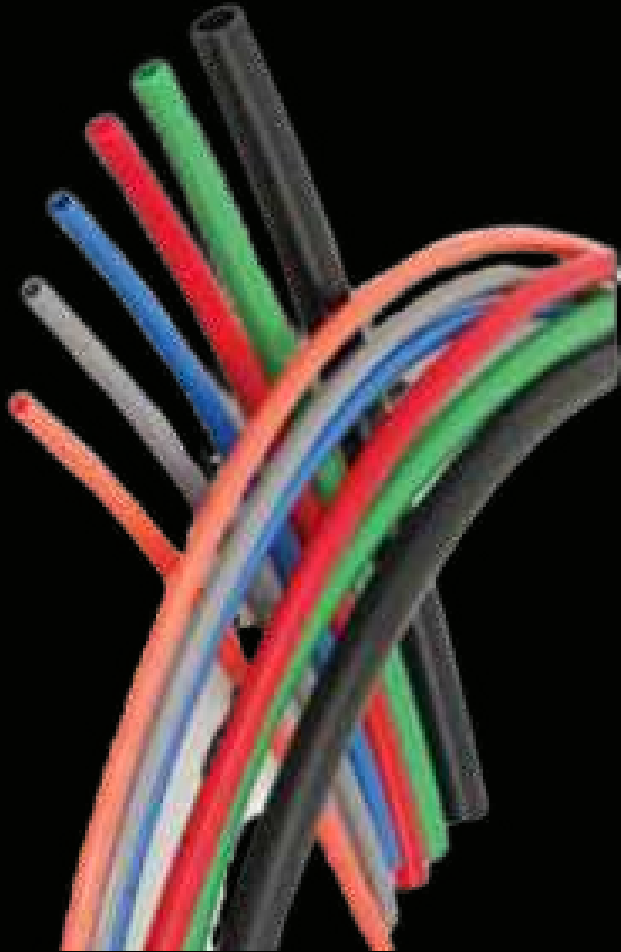
The Parker Tema high pressure couplings was specially developed for use in industrial machinery, rescue equipment, bolt tensioning, torque wrenches etc. The coupling can be supplied either with or without additional safety lock.

Customer Benefits

- Coupling system up to 2500 bar
- Available with and without addition safety lock
- Full working pressure also disconnected
- Dust protection included



A COMPLETE RANGE OF TUBING



Pneumatic tubing from the Parker Polyflex Division offers all advantages as it ranges from Polyamide to Polyurethane. A highlight is the tubing Prestoweld Soft which is spark resistant and excellently suited for automotive welding applications and has been tested by most major car manufacturers.

Customer Benefits

- Pneumatic and media transfer
- Chemical resistance and flexibility
- Flame retardant version, ideal for welding robots



LEGRIS PNEUMATIC FITTINGS

Our target is to provide our customers with the best solution and the highest quality. Certified ISO/TS 16949, Parker Legris includes customer quality at the heart of its processes. Investing in quality guarantees increased productivity: the cost of a production stoppage due to a defective part is greater than the cost of all the connectors in the machine. Choosing the quality of the components in your machine is thus of primary importance.

Customer Benefits

- Tried-&-tested technology for ease of use and rapid installation
- Full bore for maximum flow and productivity
- 100% leak-tested to increase equipment lifetime and reduce energy use



LIQUIFIT® PUSH-IN FITTINGS



This “eco-designed“ range proposes an innovative alternative for water applications; no fluid contamination occurs and environmental protection is guaranteed. These fittings ensure reliable and compact connections for liquid transfer applications..

Customer Benefits

- Reduced maintenance due to easy-to-clean design
- Eco-designed with bio-sourced polymer to reduce environmental footprint
- Contaminant-free, guaranteeing fluid purity



LF 3600 PUSH-IN FITTINGS

In order to meet your technical and environment requirements, Parker Legris designed the LF3600 range of nickel-plated brass fittings, offering robustness, reliability and resistance to industrial fluids for the most demanding environments.

Customer Benefits

- Resistant up to +150°C at 30 bar for seamless operations
- Excellent abrasion and corrosion resistance for improved reliability
- More than 250 part numbers for perfect adaptability



LF 3800/3900 PUSH-IN FITTINGS



Parker Legris has developed 2 ranges of stainless steel fittings (LF 3800 or LF 3900 in full 316L) for conveying corrosive fluids in aggressive environments. These ranges provide two complementary levels of corrosion resistance and a hygienic external design.

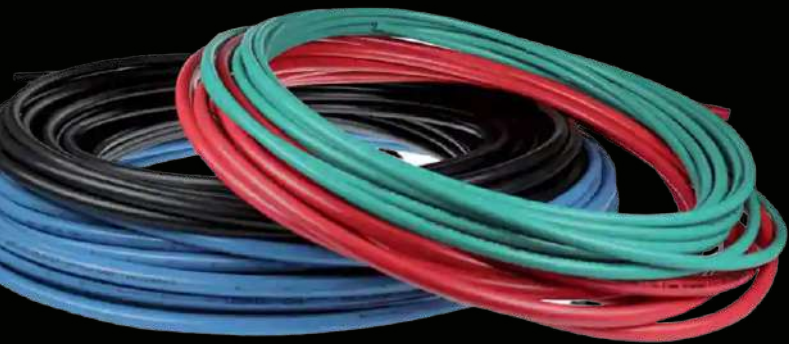
Customer Benefits

- Excellent capabilities for conveying aggressive fluids with maximum corrosion resistance
- Hygienic external design, perfect for permanent contact with foodstuffs



POLYURETHANE TUBING

PU tubing guarantees excellent durability due to stable longterm mechanical properties. Parker Legris' special grade of polyurethane ether is manufactured for superior performance, excellent flexibility and higher chemical compatibility. This outstanding flexibility allows for up to 50% space reduction when compared to semi-rigid PA tubing, permitting use in a wide range of applications.



Customer Benefits

- Continuous calibration during production for excellent reliability
- Optimal bend radius for space-saving
- Unsurpassed abrasion resistance increasing lifespan



ADVANCED PE-TUBING



Parker Legris offers two types of polyethylene tubing: “Advanced PE“ 50% reticulated and Low Density PE. Our range of “Advanced PE“ is designed for demanding environments, especially that of water treatment, without compromising operator safety. Approved for permanent contact with food and beverages, this range offers infinitesimal bacterial growth while in use, thus limiting frequency of cleaning operations.

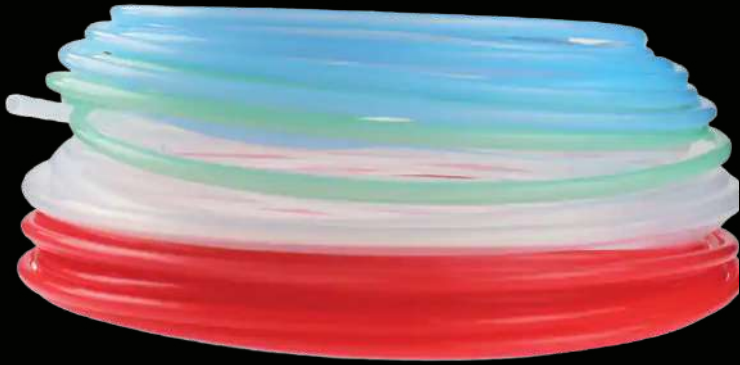
Customer Benefits

- 50% reticulated material for perfect performance stability at all temperatures
- UV-stabilised for indoor and outdoor use
- Hygienic material reduces maintenance and contamination



PFA TUBING

Parker Legris PFA tubing offers 10 times greater durability than other fluoropolymer tubing under severe chemical and mechanical conditions. This tubing range is available in 3 material grades, offering perfect compatibility with many applications, even in extreme environments.



Customer Benefits

- Exceptional chemical inertia for unlimited use in many applications
- Non-stick properties for conveyance of many fluids and gases
- The lowest permeability for outstanding aging



FIREPROOF PA TUBING



This single layer PA fireproof tubing not only combines excellent resistance to pressure, temperature and flame, but also guarantees non-toxic smoke resulting from burn-off.

This tubing eliminates the need for a stripping tool, thus preventing the risk of tube damage prior to connection

Customer Benefits

- Polyamides are specifically designed for on-board equipment due to excellent chemical and mechanical compatibility
- A flame-resistant grade guaranteeing safety of persons and equipment



CARSTICK® LF 3000®



innovation is Parker-Legris' number one priority in order to provide solutions that meet your technological, energy reduction and environmental challenges. We continually invest in our tools in order to anticipate market requirements in terms of industrial efficiency. Parker Legris has developed the range of patented Carstick® cartridges guaranteeing the integrity of the sealing system before and after assembly in non-threaded cavities. The compact design of the one piece Carstick® cartridge enables automation of your manufacturing process and improves the reliability of your system.

Customer Benefits

- No thread to be machined for inserting fitting into cavity, saving labour time
- Ease of installation and use due to self-centring of cartridge in cavity and push-in connection



ENERGY-SAVING BLOWGUNS



To limit energy costs, the new range of energy-saving blowguns allows you to reduce the air flow, thus limiting energy consumption while maintaining blowing efficiency. The Parker Legris polymer blowguns offer ease of use, energy savings, adaptability and efficiency.

Customer Benefits

- Powerful flow with progressive control enabling a reduction in energy consumption of 40%
- Ergonomic design for easy handling and operator well-being



BALL VALVES, STANDARD SERIES



This range of valves with fluoropolymer seals, available in compact, standard and lockable series, covers many industrial applications for which the fluids conveyed and working temperatures require this seal material.

Customer Benefits

- Full flow for improved fluid transfer, minimizing cost of use
- Various versions for unsurpassed compatibility with all equipment



TRANSAIR®

Transair®, the original modular pipework system based on aluminium pipes and quick connectors, was launched in 1996. Since then, with almost 20 years experience, continual improvements have been made to meet the compressed air, inert gases and vacuum network needs! As specialist in industrial fluid networks, Transair® offers an innovative solution that meets the needs of demanding users, whether for the energy source, the main network or to feed the points of use. Transair® is the economical, reliable and efficient alternative to traditional steel networks. Change your old steel pipe network for Transair® to optimise your operation costs and to benefit from high impacts on your productivity

Customer Benefits

- Pressure 16 bar and high flow (diameters from 16.5 mm to 168 mm)
- Air quality class 1-1-1 according to ISO8573 standard
- Safest connection technologies
- Quick installation for reduced downtime
- Services to support each project



COMPRESSED AIR, INERT GAS AND VACUUM



Transair® is suitable for compressed air applications (dry, lubricated or with water condensation), for inert gas applications like nitrogen, argon or CO₂ (for purity up to 99.99%) and for vacuum applications (minimum vacuum level of 10 mbar). Painting available in several colours to differentiate the networks.

Customer Benefits

- Multifluids solution
- Optimal sealing
- Gas consistency
- Easy identification
- Longer lifetime use



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