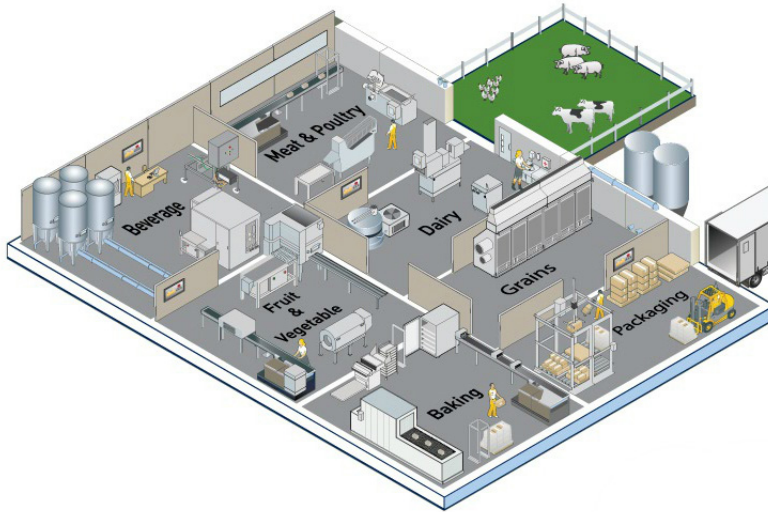


Food & Beverage

Processing and Packaging Solutions



Compressed Air
 Filtration
 Fluid Controls
 Hose, Tubing & Fittings
 Seals & O-Rings
 Automation/Safety

Compressed Air



Air Compressors & Dryers

- Food grade, oil-free compressors - Rotary screw (25-500 HP)
- Air dryers - Refrigerated, regenerative desiccant
- Centrifugal blowers & air knives



Nitrogen Generators & Membrane Air Dryers

- Membrane generators - Purity 95-99.5%
- Pressure Swing Adsorption (PSA) generators - Purity 99.9995%

Vacuum Systems

- Oil-less/dry - Central vacuum, combined pressure and vacuum pumps



Field Service

Preventive Maintenance, Installation, and 24/7 Emergency Repair



Air System Design/Rebuild

- Air Audits - Air leak detection, energy consumption
- Design - Demand, air quality, supply, storage, distribution and control
- Installations - Compressed air systems and piping
- Rebuilds - Airend rebuilds

Filtration



Filtration - Air/Gas/Liquid

Air Purification
 Adsorbers
 Coalescing Filters
 Disposable Filter Units
 Instrumentation Filters
 Industrial Chillers



Fluid Controls



Pneumatic Components

- Actuators / Escapements
- Air Preparation / Regulators
- Cylinders - Aluminum / Steel / Stainless Steel
- Valves / Manifolds / Fieldbus I/O
- Proportional Controls - Position, Flow, Pressure, Force
- Vacuum Products



Valves

- Angle Body Valves
- Cartridge & Manifold Valves
- Miniature Valves & Pumps
- Process Valves
- Proportional Valves
- Solenoid Valves
- Steam Valves



Gauges

- Dial & Digital Indicators
- Pressure /Differential Pressure
- Sanitary Pressure Instruments
- Temperature
- Transducers

Hose, Tubing & Fittings



Marmon/Keystone



Stainless Steel

- Tubing - High purity & welded
- Tube Fittings - CPI/A-LOK



Air & Water Fittings - FDA/NSF Compliant

- Push-to-Connect - Plastic, Composite
- Quick Couplings

Beverage Dispensing and Laboratory/Testing Equipment - PVC/Blended

- Beer, citrus/fruit juices, coffee, potable water, soda, tea -
Small diameter products: 100, 125, 126, 162, 164, 714, 715, 7581

Beverage Handling - PVC Hose

- Dry abrasives, potable water - Large diameter products: 7563, 7564, 7570

The Hope Group provides a wide array of versatile industrial hose and connector products to deliver sanitary, robust, and reliable service.

Hose Series - Rubber	Standards*
SM382, SP330, SS197, SS200, SS232, SW319, SW373, SW430, SW431, SW630, SW640, SWC432, SWC693	FDA
SM382, SP330, SS197, SS200, SW319, SW430, SW431, SW630, SW640, SWC432	PMO
SM382, SP330, SS197, SS200, SS232, SW319, SW373, SW430, SW431, SW630, SW640, SWC432, SWC693	USDA
SM382, SP330, SS197, SS200, SS232, SW319, SW373, SW430, SW431, SW630, SW640, SWC432, SWC693	3-A RPSCQC 62-02 Part/ Component

* Refer to product pages in Parker Catalog 4800 or Catalog 4825 for more information, or visit www.safehose.com

Beverage Handling - Rubber Hose

- Beer - SS197, SS200
- Citrus/fruit juices, coffee, potable water, soda, tea - SP330, SW630
- Milk - SP330, SW430, SW630, SW640, SWC432
- Wine - SM382

Dry Non-oily Food Handling - Rubber Hose

- Flour, grain, granules, powder, sugar - SS232, SW431
- Hot non-oily food - SW319, SW383
- Hot non-oily food, high pressure: SW373, SWC693

Fatty/Oily Food Handling - Rubber Hose

- Animal dairy & vegetable oils - SW430, SW640, SWC432
- Animal, dairy & vegetable oils - SW430, SW640, SWC432

Process & Support Hose

- Hot air- SW319
- Shop air - 7092
- Washdown, high pressure - 7143, 7297
- Washdown, low pressure - 7079, 7080, 7092, 7360
- Water by-pass - 128

Seals & O-Rings

Parker's technically advanced sealing devices are manufactured to withstand tight tolerances, higher temperatures, and aggressive chemistries.



Seals & Gaskets

- Composite - Rubber-to-metal, rubber-to-plastic
- Extrusions and lathe cuts
- Metal
- PTFE
- Rotary Shaft Seals
- Sanitary Gaskets



O-Rings

- **Materials** - Butyl, Ethylene Propylene, Fluorocarbon, Fluorosilicone, Hifluor, Neoprene, Nitrile, Perfluoroelastomer, Polyurethane, Silicone

Automation/Safety

BALLUFF

Baumer

Gems
Sensors & Controls

IDEC

NORSTAT INC.

NOSHOK

Parker

PEPPERL+FUCHS

pyromalton

**WARRICK
CONTROLS**

Sensors & Switches

- Flow
- Level
- Pressure
- Temperature
- Position
- Proximity
- Capacitive
- Inductive
- Ultrasonic
- Photoelectric
- Position Feedback Devices
- Resistance Temperature Detectors / Thermocouples
- Thermowells
- LED Tower Lights and Beacons
- Safety - Light Curtains
 - Laser Scanners
 - Interlock Switches
 - Non-contact Switches



Automation/Safety



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ISO 9001 Certified

Industrial PC, PLC, HMI & Software

- Micro PLC's / PAC
- Panel PC, HMI + PLC
- Radio Wireless, WiFi Controls
- IP65/Nema 4X / Class I Div 2 / ATEX



Power Distribution & Control

- Circuit Protection
- Contactors & Starters
- Ethernet Switches
- Optocouplers
- Power Supply
- Relays/Timers
- Pushbuttons
- Terminal Blocks
- Transformers



Cables

DIN, Deutsch, M8, M12, Fieldbus, Custom, Panel Connectors, I/O Link Masters, Distribution Boxes

Enclosures

- ABS / Polycarbonate / PVC
- Aluminum / Steel / Stainless Steel
- Non-Metallic / Fiberglass
- HMI Pendant Arm Systems
- Customized Solutions
- NEMA / IP / ATEX / IECEx / UL



Electrical Control Panels

- **Custom, UL508A certifiable designs** with full documentation and implementation packages, including AutoCAD drawings and schematics, panel and assembly layouts, and complete bills of material.
- **Multiple PLC platforms**, including but not limited to:
 - Allen Bradley RS Logix 500 and RS Logix 5000
 - GE Cimplicity ME
 - IDEC
 - WAGO
 - Unitronix
- **PLC control design**, closed loops motion profiles and fully annotated programming designed and tested in-house.
- **HMI Programming** including, but not limited to:
 - Allen Bradley Factory Talk View, Panel View Component, and Panel Builder 32
 - GE Cimplicity HMI
 - Maple-Systems