

Life Science Solutions

Manufacturing, Processing and Packaging

Air Compressors

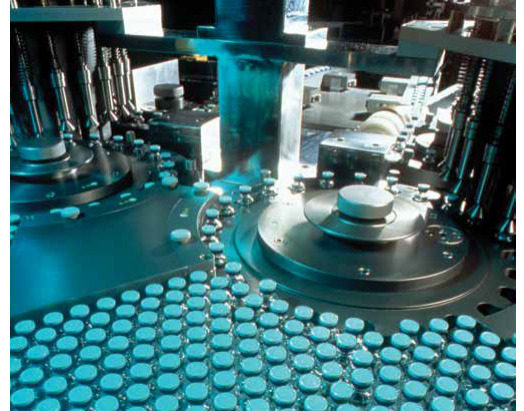
Field Services

Filtration

Fluid Controls

Hose, Tubing & Fittings

Seals & O-Rings



Air Compressors



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
- Air/Gas central vacuum systems - Medical/surgical

Field Services

Air Compressor Service

Preventive Maintenance and 24/7 Emergency Repair

Air System Design/Rebuild

- Air Audits - Air leak detection, energy consumption
- Air Demand Analysis (ADA) - Energy efficiency
- 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



Parker's PB11/12 is a stainless steel particulate filter/regulator

Process Valves

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



H Series ISO Valve

Gauges

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

Sensors & Switches

- Flow
- Level
- Pressure
- Temperature
- Position
- Proximity
- Capacitive
- Inductive
- Ultrasonic
- Photoelectric



Moduflex IO-Link Module
Diagnostic LEDs



Gems 3A Sanitary Pressure Transducer



SensoNODE Gold Continuous
Remote Monitoring Sensor (Wireless)

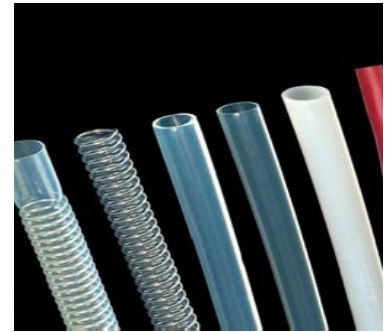
Hose, Tubing & Fittings

The Hope Group proudly represents Parker, Dixon Sanitary, HAM-LET, and specialty hose and tubing from Tex-Loc, Page, and Hose Master.



Specialty Tubing - USP Class VI

- Silicone
- PTFE
- FEP
- PFA
- Fluoropolymers



TexLoc PTFE tubing

Parflex/Thermoplastic Hose

- Page braided PTFE hose
- TexLoc PTFE tubing



Page thermoplastic hose assembly

Custom Assemblies

- Hose Assemblies
- Tube Assemblies
- Manifolds

Corrugated Metal Hose & Assemblies

Ideal for aggressive chemicals and extreme temperatures, metal hose is also abrasion- and permeation-resistant



Hose Master chemical transfer hose

Air & Water Fittings - FDA/NSF Compliant

- Push-to-Connect - Plastic, Composite
 - TrueSeal
 - Prestolok PLS
 - LIQUIFit



TrueSeal



LIQUIFit

Thermoplastic Quick Couplings

PPL, PPM Series

Tube Fittings

Including low run custom capabilities



Prestolok PLS



PPL, PPM Series

Hose, Tubing & Fittings



Instrumentation

- Fittings & Valves
- Stainless Steel Tubing



Sanitary Fittings & Valves

Meets 3A Sanitary Standards

Seals & O-Rings

Anti-microbial polymers such as EPDM, NBR, VMQ and FKM are manufactured to FDA, USP Class VI, ISO 10993 and 3-A Sanitary Standards. Parker's technically advanced sealing devices provide superior sealability, alignment, and material traceability.



Seals, Tubing & Molded Shapes

- Silicone tubing and extrusions
- FDA, USP Class VI, NSF Gaskets
- Silicone Dialysis Catheter
- Embedded RFID tagging
- Extrusions and lathe cuts
- USP <381> Compliant polyisoprene compounds used in elastomeric closures for medical devices

O-Rings

- Ethylene Propylene
- Fluorocarbon
- Perfluorinated
- Nitrile
- Silicone

All AS568 inch sizes and a wide range of metric sizes (DIN 3771, ISO 3601 and JIS B2401), as well as custom sizes.



70 Bearfoot Road
Northborough, MA 01532

Tel: 508-393-7660
Fax: 508-393-8203
www.thehopegroup.com

ISO 9001 Certified