

Specialty Microelectronics Products



Leading National Distributor of Fluid Handling Products and High Value Filtration for Corrosive & Ultrapure Applications

- Tubing, Hose, Fittings & Assemblies
- Pipe, Valves, & Fittings
- Pumps, Filters, & Process Controls
- Tanks, Level Control, Heaters & Mixers
- Structural Shapes & Grating
- Custom Fabrication and Systems

SAINT-GOBAIN
PERFORMANCE PLASTICS

www.saint-gobain.com

Fluid handling solutions for the Semiconductor industry critical processes. High Purity components designed to improve fab yields, maximize fab productivity and reduce total cost of ownership throughout chemical manufacture, delivery and point-of-use.

- ASTI Fluoropolymer Pumps
- Furon UHP Valves
- Custom Valve Manifolds
- UHP Flexible Tubing
- UHP Tube Fittings
- PFA Piping Systems

+GF+ GEORG FISCHER
PIPING SYSTEMS

www.gfsignet.com

World class manufacture of Ultra-Pure and Corrosion resistant

- Sygef® PVDF Piping Systems
- Progef® Polypro Piping Systems
- Fusion Welding Equipment
- Manual/Automated Valves
- Signet Process Instrumentation

CRISTGROUP

cristgroup.com

Fluoroplastic welding expertise. Crist Group's core competency is in fabricating PFA, PTFE, Modified PTFE (PTFM), ECTFE (HALAR), FEP, and PVDF into useful fluid delivery products.

Crist Group has the knowledge craftsmanship and safety equipment to be uniquely qualified in PFA product fabrication.

PALL

www.pall.com

The world's largest filter manufacturer, providing filtration and purification solutions for the Microelectronics and related industries.

- Point of Use Gas Filters:** Nickel – Stainless – Ceramic – Teflon
- Chemical Filtration:** Teflon – PES – PVDF – PE – Capsules & Cartridges
- Lithography:** EZD-3 Technology – Nylon – PE – Dispense & Point of Use
- DI Water:** Ultrafiltration – Nylon – PES – Polypropylene Systems
- Filter Housings:** Teflon – Stainless Steel – Polypropylene
- Specialty Filtration Skids:** Pre RO – Silicon Background – Waste Water
- Total Filtration Management:** Filtration Audit & Optimization Program

TREBOR
IDEX Health & Science

www.treborintl.com

High purity diaphragm pumps to 180° C for distribution and recirculation applications. Models with no elastomers or metals available. Two year "No Touch" warranty on selected models. DI water heaters using Trebor's patented "Thin Film on Quartz" electric resistive heating technology.

IWAKI AMERICA

www.iwakiamerica.com

Manufactures high purity metering pumps, chemical delivery pumps, sealless, recirculation pumps and non-metallic magnetic drive centrifugal pumps and systems. With a rich assortment of products in stock, we can meet any specification you require.

PLAST-O-MATIC
VALVES, INC.

www.plastomatic.com

The quality leader in the development of plastic valves and controls for corrosive and ultra-pure liquids, Plast-O-Matic provides a complete line of standard and custom designed solutions for difficult applications. Since 1967 we have been committed to product innovation, engineering excellence, precision manufacturing, 100% quality testing, and hands-on technical assistance.

WIKAI

www.wika.com

High Purity Gauges – Switches & Transducers/Readouts – Cylinder Scales – Process, Test & Special Purpose Gauges – Diaphragm Seals – BiMetal Thermometers – Thermowells – Pressure Transducers – Indicators – Switches

CPC Colder Products
Quick Couplings & Fittings for Plastic Tubing

www.colder.com

For safe extraction of fluids from jerry cans, drums and intermediate bulk containers (IBCs), Colder offers several dip-tube based systems of different sizes and materials. Virtually any container can be used with a DrumQuik system to dispense the chemical or food-based fluid in a "closed" manner. This minimizes the potential for dangerous chemical exposure while protecting the purity of the chemicals themselves from contamination.

ChemTec

www.chemtec.com

Engineering and manufacturing of patented line of flow meters, flow monitors, and excess flow valves. Specialize in low flow applications (120 SCFM; 20 GPM or less) and currently are the only manufacturer of all-Teflon® Flow Switches and Flow Meters.

ChemTec flow meters, flow monitors and excess flow valves are assisting in medical, biomedical, laser technology, wafer fabrication, clean rooms, cellular towers, petroleum, natural gas, semiconductor, hydrogen and cryogenics.

MICROPUMP

IDEX Health & Science

www.micropump.com

Offers complete fluid handling system components and assemblies, including pump, motor, and controller technologies. Make both positive displacement and dynamic pump products, using magnetic drives in multiple standard and custom designs or the EagleDrive™ electromagnetic drive technology.

A&N

www.ancorp.com

A&N specializes in the manufacturing of high and ultra-high vacuum components. A&N's products are designed for thin film deposition, surface analysis and laser devices applications.

**ABS • PVC • CPVC • POLYPRO • PVDF •
POLYETHYLENE • TEFLON •
SS • FRP • ECTFE**

**FLEXIBLE TUBING, HOSE,
HOSE FITTINGS & ACCESSORIES**



Braid-reinforced tubing
Compression fittings
Crimp fittings
Duct Hose
Hose clamps & O-clips
Insert fittings

Nylon tubing
Pneumatic fittings
Polyethylene & Polypro tubing
Polyurethane tubing
Push connect fittings
Quick disconnects
Sanitary assemblies
Silicone tubing
Stainless Steel compression fittings
Stainless Steel tubing
Suction & delivery hose
Teflon tubing (PFA, FEP, PTFE)
Tubing valves & accessories
Tygon tubing
Vinyl tubing

PIPE & FITTINGS



ABS refrigeration pipe
and fittings
Clear Schedule 40,
80 PVC
Compressed air piping
systems

Fluoropolymer Lined Pipe & Fittings
Hi-purity piping systems, Sygef,
Proseal
Polyethylene PE100, ChemProline pipe
& fittings
Pipe hangers, channel frame, strut
Schedule 40 PVC & CPVC
Schedule 80 PVC & CPVC
Secondary containment pipe & fittings
Spray Nozzles

VALVES



Actuated
Ball check
Ball: true & single
union, MIP, compact
Butterfly
Diaphragm & diaphragm

check
Gate/globe
Needle & labcock
Pressure relief & regulators
Solenoid
Stainless Steel valves
Swing check/spring check
Three-way ball & multiport

ROTAMETERS



Acrylic tube
Armored
Glass tube
High-purity
Solid Tube Flowmeters
Industrial

Panel mount
Polysulfone tube

INSTRUMENTATION & CONTROLS



Controllers, monitors,
transmitters
Flow sensors: turbine,
vortex, ultrasonic,
magnetic, electro-
optical, ultrapure

Gauges: pressure, flow, temperature
Instrument panels
pH/ORP, conductivity/resistivity, salinity,
dissolved oxygen, chlorine, ozone
pressure and temperature
Recorders
Rotor flow indicators
Temperature sensors & switches

HEATERS



Electric immersion
heaters
Heat exchangers
In-line heaters
Temperature controls

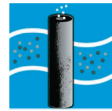
PUMPS



Air-operated double-
diaphragm (AODD)
Booster pumps
Centrifugal
Chemical Drum & barrel
Flexible impeller

Gear
Hand
High pressure
Hose pumps
Magnetic driven
Metering
Peristaltic
Progressive cavity
Stainless steel
Tubing

FILTRATION



ASME vessels
Bag Filters
Basket & Y-strainers
Carbon treatment
Filter elements
Filter housings

Pump filter systems
Stainless Steel pressure vessels

LEVEL CONTROL



Continuous sensors &
controllers
Float switches
Level transmitters
Level controllers
Optic sensors

RF capacitance sensors
Ultrasonic sensors

DRAIN, WASTE, & VENT SYSTEMS



Corrosion-Resistant
duct & fittings
Industrial fans
& Lab blowers
Fuseal Polypro acid
waste system

Fuseal 25/50 PVDF acid waste
PVC Drain/Waste/Vent (DWV)
Labwaste CPVC and waste system

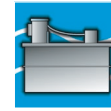
MIXERS



Chemical injectors
Drum mixers
Gear drive mixers
Static mixers
Tank mixers
Teflon mixers

Turbo mixers

SPECIALIZED SYSTEMS



Acid waste pump
stations
Custom chemical
metering systems
Neutralization tanks
Pump control panels

Pump lift stations

**SHEET, GRATING, BAR,
PULTRUSIONS, SHAPES,
WELDERS, FASTENERS**



Flat sheet stock
Fiberglass grating,
stair tread, strut
Fiberglass pultruded
structural shapes &
panels

Hot air welding & forming equipment
Plastic nuts, bolts, washers, hangers
Rectangular bar stock
Round bar
Welding rod

TANKS



Barrels
Custom-fabrication
Drums
Environmental
containment
Secondary

containment tanks & vessels
Shelf containers
Stainless Steel
Storage tanks: vertical & horizontal
Tank adapters (bulkhead fittings)
Tank stands
Tank cleaning systems

A MESSAGE TO OUR CUSTOMER

At **Ryan Herco Flow Solutions**, we strive to deliver prompt, reliable service at every opportunity. Flexible business systems help us meet specific customer requirements and apply them consistently. Our team is encouraged and empowered to assure your complete satisfaction. We are committed to being your distributor of choice for fluid process and high value filtration needs.

Sales, Technical Support and Stocking Locations Nationwide

- Albany NY
- Albuquerque NM
- Anaheim CA
- Atlanta GA
- Austin TX
- Boise ID
- Boston MA
- Branchburg NJ
- Burbank CA
- Charlotte NC
- Chicago IL
- Cleveland OH
- Colorado Springs CO
- Dallas TX
- Denver CO
- Houston TX
- Jacksonville FL
- Miami FL
- Orlando FL
- Philadelphia PA
- Portland OR
- Providence RI
- Richmond VA
- Sacramento CA
- Salt Lake City UT
- San Diego CA
- San Jose CA
- Seattle WA
- Singapore
- Tampa FL
- Tempe AZ