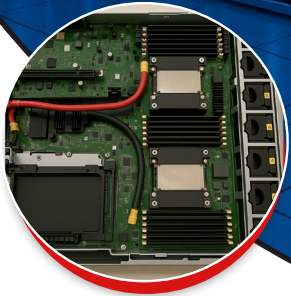


# 4-STAR Hose & Supply

A SINGER INDUSTRIAL COMPANY





As a best-in-class supplier to the data center thermal cooling industry, we deliver a full suite of fluid handling and power transmission products engineered for performance, durability, and compatibility with the latest cooling technologies. Our offerings support liquid cooling architectures adopted by leading facilities and align with the Open Compute Project (OCP) standards, with select products meeting UL-94 V0 flammability specifications for enhanced safety and compliance.

## PRODUCTS & SERVICES

- ✓ Victaulic Couplings
- ✓ Sanitary Tri-clamp Couplings
- ✓ Sanitary Valves & Actuation
- ✓ Sanitary Pumps
- ✓ Expansion Joints
- ✓ Metal Hose
- ✓ Peroxide Cured EPDM Gasket
- ✓ UL-90 Peroxide Cured Coolant Hoses
- ✓ Stainless Steel Hose Connections
- ✓ Push Connect Tubing Fittings
- ✓ Poly, Nylon, Fluoropolymer Tubing
- ✓ Stainless Braided Teflon Hoses
- ✓ OCP Quick Disconnects
- ✓ Energy Loss Reduction VX Power Belts
- ✓ Generator Exhaust Expansion Joints
- ✓ Piping System V & U Loops
- ✓ Filters & Filter Carts

Thermal Cooling Industry Experts

 (214) 351-6085

 [www.4starhose.com](http://www.4starhose.com)



### Gates Data Center Cooling Hose

- 250 - 500 PSI Working Pressure
- Zinc-free peroxide-cured EPDM
- UL94V-0 certified and tested to UL224VW-1 standards



### Gates Data Master Data Center Cooling Hose

- 150 – 500 PSI Working Pressure
- Zinc-free peroxide-cured EPDM
- UL94V-0 certified and tested to UL224VW-1 standards



### Gates Data Master Megaflex Data Center Cooling Hose

- 150 PSI Working Pressure
- Zinc-free peroxide-cured EPDM
- UL94V-0 certified and tested to UL224VW-1 standards



### Gates Quad-Power™ 4 Belts

- Durable EPDM Construction
- Minimal-elongation polyester tensile cords
- Service-free V-belt with high stability



### Gates Thermal Pro Electric Pump

- Single and Three Phase
- Radial Brushless and Axial Brushless Design
- Manufactured to High Cycle Automotive specifications



### Stainless Steel Push Lock Fittings

- 316 Stainless Steel
- Push In Clampless Style
- NPT, Metric, JIC, BSPP, BSPT Thread



### Stainless Steel Crimp Combination Nipples

- 316 Stainless Steel
- Consistent assembly procedures
- NPT, BSPT, BSPP, Triclam, Victaulic



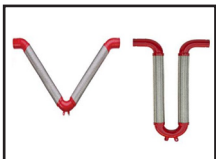
### Stainless Steel Clamps

- 316 Stainless Steel
- Multiple Clamps Styles
- Hose Clamps, Pipe Clamps, Hanning Clamps



### Cleanseal Hose End Seals

- Prevent Contamination during storage
- Protect ends during routing and installation
- Easy pull tag removal



### V-Loop Or U-Loop Expansion Piping Systems

- Stainless Steel Single or multiple ply metal expansion joints
- Single or Multiple Plane Movement for Pipe Systems
- Victaulic, Triclam, Male NPT or Flanged Couplings



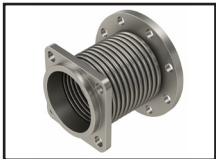
### Single/Double Braided Metal Hose

- Single or Double Braid 316 Stainless Steel Hose
- 304 Braided stainless steel braid cover
- Any configuration of ends can be welded to hose



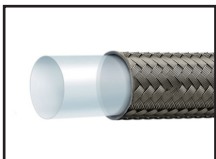
### Metal Expansion Joints

- Stainless Steel Single or multiple ply metal expansion joints
- Single or Multiple Plane Movement for Pipe Systems
- Victaulic, Triclamp, Male NPT or Flanged Couplings



### Generator Exhaust Expansion Joints

- Stainless Steel Single or multiple ply metal expansion joints
- Vibration and Sound Dampening
- OEM and custom end configuration



### PTFE Hose

- PTFE Tube Stainless Steel Hose
- UL 94 V-0 Rated Hose
- Stainless Steel Coupling Ends



### Sanitary Couplings

- 316 Sanitary Couplings
- Tees, Elbows, Concentric & Eccentric Reducers, Barbs, Clamps ETC.
- Triclamp, Bevel Seat, I-Line, John Perry , NPT, BSPP, BSPT



### Sanitary Valves

- Butterfly, Cartridge, Manifold, Check, & Diaphragm
- 3-A Stainless Steel Sanitary Valves
- Triclamp, Bevel Seat, I-Line, John Perry, NPT, Wafer & Lug



### Industrial Valves

- Butterfly, Ball, Globe, Check
- 316 Stainless Steel
- Actuation Ready



### Actuation

- Pneumatic, Hydraulic, Electro-hydraulic, and Electric
- Linear, Rotary, and Self Actuated
- Ball, Plug, Butterfly, Gate, Globe, Needle, Solenoid, Coaxial, Angle Seat



### Sanitary Pumps

- Twin Screw, Rotary Lobe, Diaphragm, Centrifugal
- Mechanical Seal, Double Mechanical, Oring, Diaphragm
- FDA 3-A, PTFE, White Nitrile, Viton, EPDM



### Stainless Filters

- 316 FDA 3-A Filters, Replacement Cartridges, and Accessories
- Inline Strainers & Filters, T Strainers, Top Flow Filters & Strainers
- Overscreen Mesh, Filter Media, Backup Tube Replacement



### **CEJN OCP Threaded Quick Disconnect**

- Developed to meet OCP requirements for connecting to pressured system
- Screw-to-connect locking mechanism connect under pressure
- Specifically designed for Data Center Coolant Distribution



### **CEJN UQD Color Coded Quick Disconnect**

- Global Standard OCP Quick Disconnect
- Color Coding Options to prevent Cross Connection
- Spill Free Compact Design



### **CEJN UQDB Direct Liquid Cooling Quick Connects**

- New Global OCP Direct Cooling Quick Disconnect
- +/- 1 mm radial misalignment tolerance
- Non-drip quick connect coupling



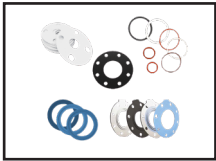
### **CEJN Ultraflow Quick Disconnect**

- Designed for High Performance Computing (HPC)
- Flow performance and low pressure drops reduce energy loss
- Available in aluminum and stainless steel



### **Instrumentation Fittings, Accessories, and Measurement Solutions**

- 316 Stainless Construction
- Fittings, Valves, Adapters, and Tubing
- Measurement and Reading Relay Solutions



### **Specialty Seals & Gaskets**

- Specialty Gaskets available in multiple configurations
- Triclamp, ANSI Flange, and Special Configurations
- Elastomers include EPDM, Nitrile, Buna, SBR, PTFE, Silicon



### **Filters, Regulators, Lubricators**

- Filters, Regulators, Lubricators, Gauges, and Mounting Hardware
- Combination Units or Individual available in standard or mini
- Desiccant and Specialty Units available



### **Tube Hangers**

- Pipe and Tube Hangers
- Sleeve Style, Block Style, Gromet Style
- Tube and Pipe Clamps



### **Strut Channel**

- Range of Construction: 12-16 Gauge
- Materials: Fiberglass, Stainless Steel, Plated Steel
- Configurations: Solid, Slotted, Knockouts, Round Holes



### **Strut Accessories**

- Accessories include Unistrut, Concrete Inserts, Closure Strips
- Type of Clamps: Pipe Clamps, Tubing Clamps, Pipe Rollers
- Types of Hardware: Electrical Fittings, Channel Nuts, Steel Rods, Rod Stiffeners



### Continental Flex Cool Blade

- Peroxide Cured EPDM
- UL 94 HB and UL 94 V-0 Flame Rated
- 1"-4" for source line hoses



### Continental Flex Cool Jumper

- Peroxide Cured EPDM
- UL 94 HB and UL 94 V-0 Flame Rated
- 3/8" - 1" for Rack Manifold & Jumper hoses



### Continental Data Guard ExtremeFlex

- Peroxide Cured EPDM
- UL 94 HB and UL 94 V-0 Flame Rated
- 3/16" - 1/4" for Server Blade & Rack hoses



### Flexaust Flx-Thane Ducting

- UL 94 V-0 Rated Ducting
- Urethane Construction
- Static Grounding Wire



### OnGuard™ Hose and Asset Management Program

- Document and Track asset life
- Set reminders for preventative maintenance schedules
- Asset Serial Number Tracking



### SMC UL 94 V O Tubing Fittings

- One-touch fitting with antistatic prevention
- Conductive resin is used for body and seals in fittings and tubing
- Flame resistant (equivalent to UL-94 Standard V-0)



### SMC TRB-001 UL-94 VO Tubing

- Polyurethane Tubing
- FR double layer polyurethane tubing
- UL-94 standard V-0



### SMC KQG2 Stainless Steel One Touch Fittings

- 316 Stainless Steel Construction
- One Touch Push Connect
- Metric and Imperial Sizes



### SMC Tubing Holders

- Multi-holder for securing
- One-touch fitting can also be secured
- UL-94 V-0 Polypropylene Construction



### SMC Tubing Manifolds

- Compact piping possible
- One-touch fitting construction
- UL-94 V-0 Polypropylene Construction



## **THERMAL COOLING INDUSTRY EXPERTS**

### **Hose, Fittings, Valves, Quick Disconnects, & Accessories**

When it comes to selecting components for data center thermal cooling systems, precision, reliability, and compliance are paramount. From fluid compatibility to pressure ratings and flame resistance, every detail plays a role in system uptime and performance.

Our team of experts specializes in liquid cooling assemblies and accessories, with deep knowledge of the Open Compute Project (OCP) guidelines and UL-94 V0 flammability standards. We understand the unique demands of high-density computing environments—from cold plate and immersion cooling to manifold design and quick disconnect performance—and can guide you to the ideal solution for your cooling infrastructure. Don't leave mission-critical cooling to chance—call us today and let our experts help you build smarter, safer thermal systems.



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Midland, TX 79706  
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Pleasanton, TX 78064  
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