



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

 (816) 221-9600

 www.hannarubbercompany.com

 sales@hannarubber.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



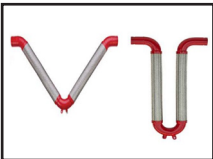
Stainless Steel Clamps

- 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



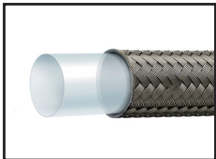
Metal Expansion Joints

- 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



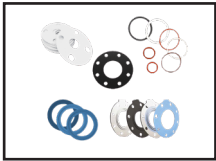
CEJN Ultraflow Quick Disconnect

- 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



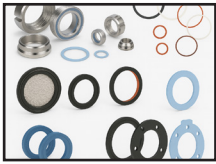
Strut Channel

- 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



Gaskets & Sealing Products

- Peroxide Cured EPDM and Silicone
- UL 94 HB and UL 94 V-0 Flame Rated
- Standard, Port, Screen, or thermal sensor Options



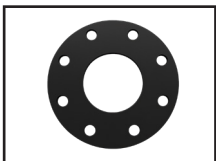
High Purity Silicone Assemblies

- Peroxide Cured Silicone Pharma Grade
- UL 94 HB and UL 94 V-0 Flame Rated
- Custom Sizes and Assemblies available



FD83 Quick Disconnects

- OCP Storz Style Quick Disconnect
- Valves for dry disconnect 1" through 2"
- Stainless Steel hose barb, Tri-Clamp, NPT, and BSPP Configurations



Peroxide Cured EPDM Gasket Material

- Peroxide Cured EPDM
- UL 94 HB and UL 94 V-0 Flame Rated
- Custom Sizes and Cutting Available



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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Why Hanna Rubber?

- 200 Years of Combined Experience
- Large & Diverse Inventory
- State-of-the-art Fabrication Equipment
- ISO Certification
- High-Value Solutions at Competitive Prices