



DRIVEN BY POSSIBILITY™

THE RIGHT FIT FOR YOUR DATA CENTER

NOT ALL COOLING NEEDS ARE THE SAME

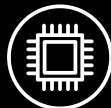
From chilled water systems to in-row and in-rack systems, every data center has unique challenges and requirements. That's why Gates offers Data Master™ a full line of high-performance hose solutions to ensure the perfect fit for your cooling system.

Whether you need reliable performance to create a new greenfield project, or advanced high-flow coolant solutions for critical support, the Data Master Family has you covered. Let us help you find the cooling hose that matches your data center's needs.

No matter the challenge, the Data Master Family has the flexibility, durability, and materials science innovations to excel in a wide range of cooling applications:



CHILLED
WATER SYSTEMS



DIRECT TO CHIP
LIQUID COOLING



IN-ROW AND IN-RACK
COOLING SYSTEMS

THE GATES DIFFERENCE

- **Innovation:** Gates supplies proprietary EPDM materials, halogen-free cover options, and MegaFlex™ technology throughout the Data Master lineup, pushing the boundaries of what's possible
- **Reliability:** A variety of products that are engineered to perform in demanding environments, ensuring long-term durability
- **Expert support:** Our team of industry experts is here to help you find the right solutions for your needs
- **Full solutions portfolio:** Our data center product portfolio goes beyond hoses to include pumps, couplings, premium belts, and other fluid conveyance solutions to meet all your data center cooling needs

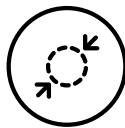
DATA MASTER COOLING HOSE

RELIABLE PERFORMANCE FOR YOUR LIQUID COOLING APPLICATIONS

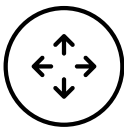
Gates Data Master hose is your go-to solution for reliable, long-lasting fluid conveyance in data center cooling systems. Built with best-in-class materials for great durability, it ensures leak-free performance and seamless integration into your cooling system. When uptime is critical, trust the hose designed to keep operations running smoothly.



SUPERIOR FLEXIBILITY



NARROW PROFILE



WIDE RANGE OF SIZES



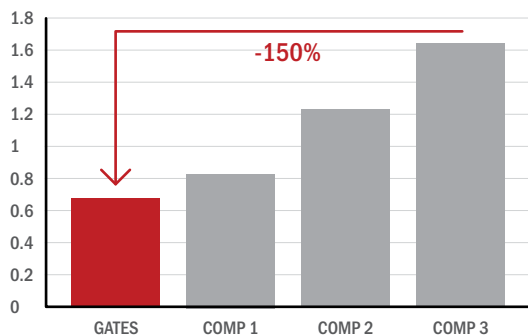
COOLANT COMPATIBILITY

SPECIFICATIONS

- **Proprietary tube materials:** Zinc-free, peroxide-cured EPDM tube for best-in-class compatibility with coolant fluids
- **Flame-resistant EPDM cover materials:** Meets UL94V-0 and tested to UL224VW-1 standards
- **Available sizes:** 7/32", 1/4", 3/8", 1/2", 3/4" and 1" I.D.
- **Temperature range:** -40°F to +212°F (-40°C to +100°C)
- **Working pressure:** 300 psi (2.1 MPa) across the size range



DATA MASTER'S FLEXIBILITY/FORCE TO BEND



*Force measured when minimum bend radius is achieved. Measurement 1/4" size.



INNOVATION YOU CAN TRUST

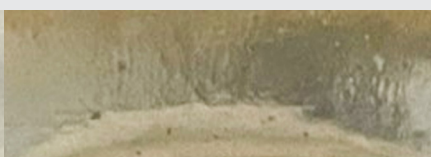
Data Master cooling hose and Data Master Megaflex help you redefine cleanliness by keeping your closed-loop systems contaminant-free with our proprietary tube materials, reducing maintenance costs and downtime that ensures your cooling systems have a long-term performance for years to come.



WHICH TUBE MATERIAL DO YOU WANT TO USE FOR YOUR CRITICAL EQUIPMENT?



GATES TUBE MATERIALS



ALTERNATIVE TUBE MATERIALS

*PG25 coolant after extractables testing with various Data Center Hoses at 80°C for 600 hours.

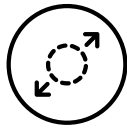
DATA MASTER MEGAFLEX

ADVANCED FLEXIBILITY FOR HIGH-DENSITY COOLING

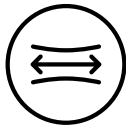
When precision cooling demands unmatched flexibility and resilience, Data Master Megaflex delivers. Engineered with zinc-free, peroxide-cured EPDM ensures superior durability and kink-free performance, even in tight spaces. Perfect for source lines and high-flow systems, it's the trusted choice for demanding applications.



ENHANCED
DURABILITY



LARGE DIAMETER
PROFILE



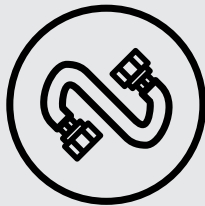
SUPERIOR MINIMUM
BEND RADIUS



COOLANT
COMPATIBILITY

SPECIFICATIONS

- **Proprietary tube materials:** Zinc-free, peroxide-cured EPDM tube for best-in-class compatibility with coolant fluids
- **Flame-resistant EPDM cover materials:** Meets UL94V-0 and tested to UL224VW-1 standards
- **Available sizes:** 1.25", 1.5", 2", 3" and 4" I.D.
- **Temperature range:** -40°F to +212°F (-40°C to +100°C)
- **Working pressure:** 150 psi (1 MPa) across the size range



PROPRIETARY TECHNOLOGY

GATES DATA MASTER MEGAFLEX DESIGN TECHNOLOGY COMBINES A **LARGE DIAMETER HOSE WITH A 1.1 TO 1.5:1 MBR TO HOSE ID RATIO.**



DIFFERENT COLORS FOR DIFFERENT APPLICATIONS

Gates Data Master hoses are available in a variety of colors, allowing you to customize your cooling system for efficiency, safety, and organization.

- **White:** multi-purpose data center use
- **Blue:** perfect for indicating source lines with chilled coolant
- **Red:** ideal for labeling return lines with hot fluid

DATA MASTER ECO

MAXIMIZE YOUR UPTIME, MINIMIZE YOUR FOOTPRINT

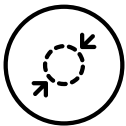
Data Master Eco uses halogen-free, low-contamination materials to protect sensitive coolants and electronics at the source, giving you reliable uptime with a cleaner, more sustainable footprint.



HALOGEN-FREE
TUBE AND COVER
MATERIALS



FLAME-RESISTANT
TO UL94V-0
STANDARDS



NARROWEST
DIAMETER
PROFILE



REDUCED
CO₂e DURING
MANUFACTURING

SPECIFICATIONS

- **Halogen-free tube and cover materials:** Meets IEC 61249-2-21, EN14582, and JEDEC/ECA JS709
- **Sustainable design:** Supports Scope 3 emissions goals with reduced labor steps and CO₂e during manufacturing
- **Flame-resistant materials:** Certified to UL94V-0 standards
- **Sizes:** 3/16", 1/4" and 3/8" I.D.
- **Temperature range:** -40°F to +176°F (-40°C to +80°C)
- **Working pressure:** 50 psi (.34 MPa) across the size range



DATA CENTER COUPLINGS PRODUCT FAMILY			
UNIVERSAL QUICK DISCONNECT	BLIND MATE (UQDB)	FULL FLOW	SANITARY FLANGE
For use with Data Master and Data Master Eco One of the highest flow coefficients on the market* Available with hose barbs of threaded connection options Designed to follow the OCP UQD specification	For use with blind connections OCP-compliant design Leak-free automatic connection/disconnection Male plug connects with +/-1mm of tolerance	For use with Data Master MegaFlex Ball-valve control allows for minimal pressure drop across the connection Dual interlock Directly mates to similar form-factor couplings on existing equipment Rated for 300 L/min flow rate	For use with Data Master MegaFlex Common hose stem and flange sizes for easy mating Use clamps or crimped ferrules for secure, leak-free connections

*According to competitor published values.

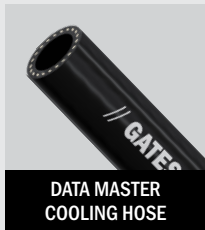


NOW AVAILABLE
COMPLETE THE JOB WITH
DATA MASTER ASSEMBLIES



FULL SOLUTIONS PORTOFOLIO

Gates has existing fluid conveyance and power transmission solutions to power your Data Center. From pumps and flexible hoses to premium belts and assemblies, Gates is ready to provide you with the reliability and performance you need.



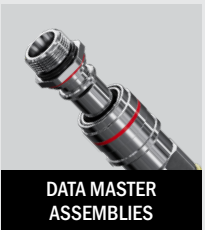
DATA MASTER
COOLING HOSE



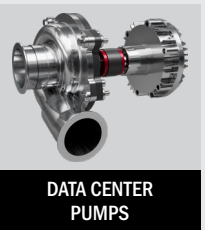
DATA MASTER
MEGAFLEX



DATA MASTER
ECO



DATA MASTER
ASSEMBLIES



DATA CENTER
PUMPS



BELTS FOR
AIR-DRIVE SYSTEMS



EXPLORE MORE
DATA CENTER
COOLING SYSTEMS

ASK YOUR GATES
REPRESENTATIVE FOR
MORE INFORMATION