



DRIVEN BY POSSIBILITY™

DATA MASTER™ MEGAFLEX™ DATA CENTER COOLING HOSE

COOLING AT THE SPEED OF INNOVATION

Choose Data Master Megaflex for large diameter cooling that can't afford contamination. Featuring a zinc-free, peroxide-cured EPDM tube, this innovative hose allows faster coolant flow, best-in-class coolant compatibility and avoids contamination over time.

Unlike PVC and stainless steel options, Gates MegaFlex cover reduces kinking and offers field-serviceable convenience - perfect for expansive operations that need to move fast and stay ahead.

Data Master Megaflex doesn't just bridge the gap - it sets a new standard as the industry-leading large diameter data center hose, made specifically to maintain cleaner coolant, easier routing, and more reliable performance under constant, high-demand use.

SPECIFICATIONS

- **Proprietary tube materials:** Zinc-free, peroxide-cured EPDM. Synthetic textile and dual steel wire helix reinforcement
- **Flame-resistant EPDM cover:** UL94V-0 certified and tested to UL224VW-1 standards
- **Wide temperature range:** -40°F to +212°F (-40°C to +100°C)
- **Increased flexibility:** Corrugated cover with Gates proprietary MegaFlex technology
- **Coupling recommendations:** Use with large ID Quick Connect couplings along with clamp; or a sanitary flange

UNMATCHED RELIABILITY BEGINS WITH INNOVATION

Data Master MegaFlex isn't just a cooling hose - it's the next generation solution your data center cooling system deserves. Discover our proprietary zinc-free, peroxide-cured EPDM technology. This innovative tube material redefines both cleanliness and durability, delivering contaminant-free coolant with long-term performance.



CLEANER SYSTEMS

Zinc-free, peroxide-cured EPDM tube to avoid fluid contamination over time



LARGER SIZES

Larger diameter options to accommodate increased coolant flow rate



FLAME-RESISTANT

UL94V-0 certified and tested to UL224VW-1 standards



MEGAFLEX TECHNOLOGY

Gates MegaFlex technology combines a large diameter hose with a 1.5:1 MBR to ID ratio



COOLANT COMPATIBLE

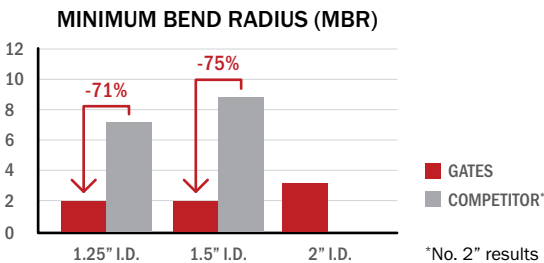
Built for a wide range of coolant mixes, including PG25



OZONE-RESISTANT

Excellent ozone resistance to cover degradation from electronics

GATES DATA MASTER MEGAFLEX COOLING HOSE											
HOSE I.D.		HOSE O.D.		MAX. WORK PRESSURE		MINIMUM BURST		MINIMUM BEND RADIUS (ISO 10619, METHOD B)		WEIGHT REFERENCE	
in	mm	in	mm	psi	MPa	psi	MPa	in	mm	kg/m	lbs/ft
1.25	31.8	1.65	41.9	150	1	600	4.1	1.88	48.0	0.86	0.58
1.5	38.1	1.95	49.5	150	1	600	4.1	2.25	57.2	0.98	0.66
2.0	50.8	2.40	61.2	150	1	600	4.1	3.00	76.0	1.31	0.88



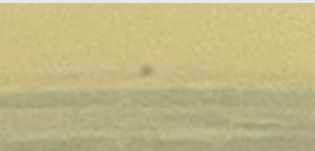
DATA MASTER MEGAFLEX HAS A **1.5:1 MBR TO HOSE I.D.** MEASUREMENT - THAT'S **UP TO 75% TIGHTER MBR** COMPARED TO COMPETITOR DATA CENTER SUPPLY HOSES.



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

DIFFERENT COLORS FOR DIFFERENT APPLICATIONS

Data Master MegaFlex is available in **white** as a multi-purpose large I.D. data center hose, **blue** for supply lines, and **red** for return lines. Customize your cooling system for maximum efficiency.

