



DRIVEN BY POSSIBILITY™

DATA MASTER™ ECO COOLING HOSE

MAXIMIZE UPTIME. MINIMIZE CARBON FOOTPRINT.

In an era where global ESG goals and international sustainability standards are gaining importance, Gates Data Master Eco cooling hose is your essential partner in efficiency and sustainability.

Built with innovative materials that meet flame resistance standards without halogens, and a simplified manufacturing process that reduces emissions and carbon footprint, the Data Master Eco cooling hose provides a more sustainable option to cool your server rack's critical equipment.

FEATURES AND BENEFITS

- **Halogen free tube and cover materials:** Meets IEC 61249-2-21, EN14582, and JEDEC/ECA JS709
- **Sustainable design:** Supports scope three emissions goals with a product that eliminates labor steps and reduces CO₂e at manufacturing level
- **Flame-resistant cover:** Protect IT white space with UL94V-0 flame resistance standards
- **Low extractables materials:** Minimizes fluid contamination and permeation, ensures purity and compatibility with coolants like PG25 and deionized glycol mixes
- **Broad temperature range:** Engineered to perform reliably from -40°F to +212°F (-40°C to +100°C)



OPEN
COMMUNITY®

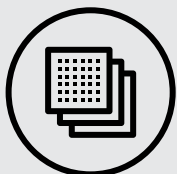
**GATES IS A
MEMBER OF THE
OPEN COMPUTE
PROJECT (OCP)**

DATA MASTER TECHNOLOGY EVOLVED

THE ECO COMPETITIVE EDGE



100%
HALOGEN-FREE



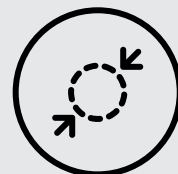
LOW EXTRACTABLE
MATERIALS AND
LOWER PERMEATION



FLAME-RESISTANT
STANDARDS



UP TO 15%
LIGHTER WEIGHT*



NARROW ID
FOR SERVER
APPLICATIONS

*Compared to traditional EPDM hoses.

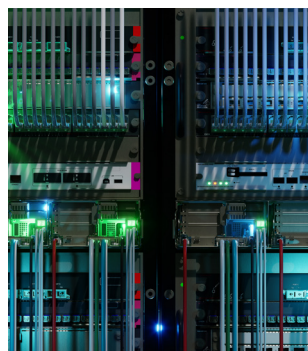
Gates Data Master Eco is how you make direct-to-chip cooling reliable. Engineered with halogen-free materials and ultra-low contamination to protect sensitive electronics and coolants right at the source.

In addition to **black**, Data Master Eco is also available in **blue** and **red**, indicating supply and return lines. Customize your cooling system for maximum efficiency.



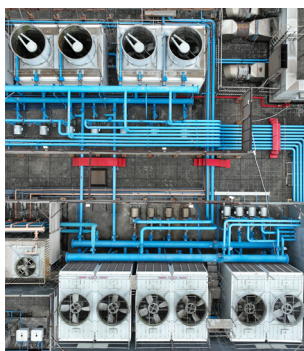
GATES DATA MASTER ECO COOLING HOSE												
SIZE	HOSE I.D.		HOSE O.D.		MAX. WORK PRESSURE		MINIMUM BURST		MIN. BEND RADIUS		MAX. TEMPERATURE	
	in	mm	in	mm	psi	MPa	psi	MPa	in	mm	°C	°F
-3	3/16	4.7	.41	10.5	50	.52	250	1.72	1.2	30.4	80	176
-4	1/4	6.0	.46	11.8	50	.52	250	1.72	1.5	38.1	80	176
-6	3/8	9.0	.58	14.7	50	.52	250	1.72	3.0	76.2	80	176

THE ECO BENEFITS



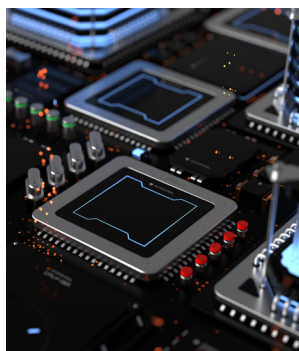
REDUCED ENERGY CONSUMPTION

Up to 75% reduction of CO₂e in manufacturing process.



SUSTAINABLE RESOURCE MANAGEMENT

Elimination of natural gas and zero water withdrawals, previously used in vulcanization.



OPTIMIZED MATERIALS USAGE

Simplified design process reduces the number of, and types of different materials used.



EXPLORE MORE
DATA CENTER
COOLING SYSTEMS