



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 CO<sub>2</sub>e 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 compatability with coolants like PG25 and deionized glycol mixes
- **Broad temperature range:** -40°F to +176°F (-40°C to +80°C)



**OPEN**  
COMMUNITY®

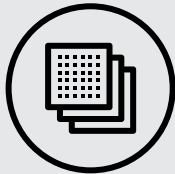
**GATES IS A  
MEMBER OF THE  
OPEN COMPUTE  
PROJECT (OCP)**

# DATA MASTER TECHNOLOGY EVOLVED

## THE ECO COMPETITIVE EDGE



100%  
HALOGEN-FREE



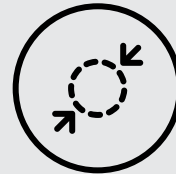
LOW EXTRACTABLE  
MATERIALS AND  
LOWER PERMEATION



FLAME-RESISTANT  
STANDARDS



UP TO 15%  
LIGHTER WEIGHT\*



NARROW ID  
FOR SERVER  
APPLICATIONS

\*Compared to traditional EPDM hoses.

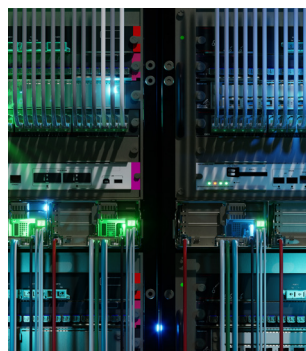
Gates Data Master Eco is how you make direct-to-chip cooling reliable. Engineered with halogen-free materials and ultra-low contamination to protect sensitive electronics and coolants right at the source.

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.



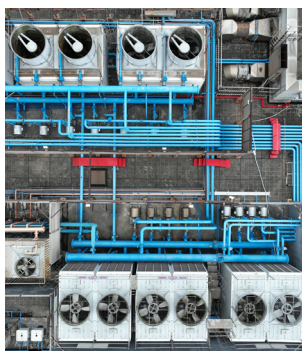
GATES DATA MASTER ECO COOLING HOSE												
SIZE	HOSE I.D.		HOSE O.D.		MAX. WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BEND RADIUS		MAX. TEMPERATURE	
	in	mm	in	mm	psi	MPa	psi	MPa	in	mm	°C	°F
-3	3/16	4.7	.41	10.5	50	.34	200	1.38	1.5	38	80	176
-4	1/4	6.0	.46	11.8	50	.34	200	1.38	2.0	50	80	176
-6	3/8	9.0	.58	14.7	50	.34	200	1.38	3.0	76	80	176

## THE ECO BENEFITS



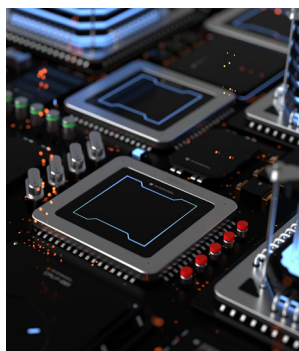
### REDUCED ENERGY CONSUMPTION

Up to 75% reduction of CO<sub>2</sub>e 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