



DRIVEN BY POSSIBILITY™

# COOLANT HOSES



## EVOLVING HOSE TECHNOLOGY

Engines have become more and more complicated, and so have their coolant systems and hoses. Modern modular coolant hoses can contain various supplementary components built into the hose which perform a wide variety of tasks under the hood and even in the passenger compartment. Built as an assembly, these hoses can cool or heat vehicle elements, bleed air, drain the system and communicate with the computer, among other functions. Many modular hoses also have quick-connectors for easy removal and installation.

When it's time to change the hose, go for Gates. We design, manufacture and supply a wide variety of traditional and modular coolant hoses that fit and perform exactly like the original. What's more, you get a complete solution as all our modular hoses come complete with the OE exact components and connectors to ensure a simple leak-free installation.





DRIVEN BY POSSIBILITY™

# UNCOMPROMISING QUALITY AND DEPENDABILITY

As a pioneering company in high-technology automotive products, Gates has decades of experience in hose manufacturing allowing full control of the production process and quality of the product. Every Gates hose matches the OE in fit, form and function. The extensiveness of our range ensures you will find the right hose for nearly all vehicles.

## WHAT CAUSES MODULAR HOSES TO FAIL?

Plastic connectors become brittle and susceptible to breaking or cracking



As with traditional hoses, exposure to coolant and to the hot and cold cycles under the hood will cause the rubber to soften, expand and lead to hose failure



In addition, a lot of modular hoses have sensors, flow restrictors and directional valves inside of them that can get damaged



Quick connectors tend to get damaged when hoses are removed for general cooling system maintenance



## MODULAR RADIATOR HOSES

Gates Modular Radiator Hose is manufactured to fit specific applications. Similar to OEM specifications and includes specific essential integrated OE components such as; hose branches, quick-connectors, sensors, restrictors.



## TRADITIONAL CURVED HOSES

Manufactured to fit upper, lower, bypass, heater and other coolant applications with OEM-quality specifications. Engineered to resist electrochemical degradation, the leading cause of hose failure. Pre-shaped to fit and to ensure perfectly sealed conditions. Aramid or rayon knit reinforcement (depending on the application).



## HEATER HOSES

Like modular hose, heater hose assemblies address the issues of modern complex engine design. Gates' heater hose assemblies provide an OE-exact fit so you can perform costly, difficult system repairs with confidence. All hose assemblies are manufactured with heavy-gauge steel tubing, strong welds, and high resistance against corrosion and rust for long-lasting, complete system solution. Includes everything necessary for a complete assembly repair.

