

COOLING SYSTEM



THERMOSTATS



THE SMARTEST RANGE ON THE MARKET

With their OE design, Gates thermostats fit perfectly, prevent leaks and keep engine temperatures within original equipment specifications. And what's more: by including different seals and gaskets in one package, the same Gates thermostat reference can be used for a whole range of vehicle types. So by carefully balancing the number of references to the market needs, our range guarantees the highest car parc coverage by the fewest units of stock!

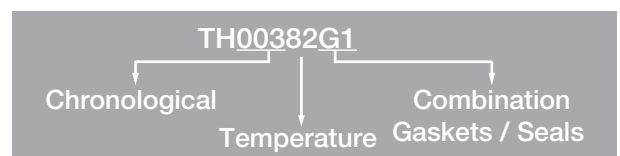
GATES THERMOSTAT NUMBERING

- > Last 2 digits (before G1) indicate the opening temperature of the thermostat (82°C)
- > < G1 > means that seals/gaskets are included (without G1: no gaskets/seals)
- > What is the difference between G1 & G2: different combinations of seals & gaskets (max 5 in a box)

GATES THERMOSTATS TEMPERATURE

Gates is the first in the industry to supply thermostats in Celsius. While other suppliers' thermostat part numbering reflects temperature in Fahrenheit, Gates thermostats reflect temperature in degrees Celsius.

FAHRENHEIT	CELSIUS
160°F	71°C
170°F	77°C
180°F	82°C
190°F	88°C
200°F	93°C
210°F	99°C
220°F	104°C





YOU WANT A THERMOSTAT...

✓ THAT FITS AND PERFORMS LIKE THE ORIGINAL?



Gates conventional wax thermostats

The heart of the Gates thermostat is the temperature-sensitive heat motor. A specifically formulated, thermally-expansive wax is calibrated to assure prompt and precise operation of the thermostat valve. Warming the wax element increases the volume of the wax, thereby moving the piston and opening the valve. If the temperature drops, the volume is reduced, and a spring forces the piston back to the starting position.

Simple, effective, and tried and tested millions of times over!

Gates housed thermostats

Integrated housed thermostats have now become the preferred design for all OEM's. 51% of the vehicles being produced today have them installed. This number will continue to increase in the future.

Housed thermostats are integral thermostats complete with optimally designed housing.

Gates map-controlled wax thermostats

Performance-optimised, modern engines require a thermostat with increased precision and faster response, regulated via the engine management system. An electric heating resistor is integrated into the wax element. Electrical heating of the wax element is triggered when the engine is exposed to specific load conditions. This additional heat source allows the wax to expand even further which in turn increases the flow volume of the coolant, immediately regulating the engine to operate within the optimum temperature range.

The precise response to the cooling needs of modern engines!

✓ **THAT IS SUPPLIED COMPLETE WITH THE MATCHING SEALS/GASKETS?**

✓ **THAT COMES WITH THE RIGHT AFTERMARKET SUPPORT?**

We've got it covered!

✓ Gates offers the OE-design thermostat you need together with the matching seals and gaskets, covering more than just one application, all handily packed in one box. All this comes with the convenience and aftermarket support you can expect from a brand like Gates!

As well as thermostats, Gates also supplies a wide range of cooling hoses, hose connectors and tools. For more information visit www.GatesAustralia.com.au

