



## Coolant Testing

Field Maintenance Tools for Engine Coolants

### 3-Way™ SCA and Freeze Point Test Strips

Measuring the Freeze Point and Chemical protection in your engine's cooling system is essential for protection against liner pitting, corrosion and coolant dilution. Fleetguard's state-of-the-art 3-Way Heavy Duty Coolant Test Strips provide a simple and effective means of checking the coolant system. It is easy to use the 3-Way DIP and READ test strips. Simply take a sample of the coolant and dip the 3-Way Test Strip. Within 45-75 seconds, read the Freeze Point and Molybdate/Nitrite levels to obtain SCA units. Record the readings and continue coolant maintenance practices according to OEM recommendations. One strip does it all! NO fuss, NO coolant dilution, NO chemical mixing.

Part-No.	Description	Units
CC 2602M	3-Way test strips	50/bottle
CC 2602AM	3-Way test strips	4 strips



### Quik-Chek™ Coolant Quality Test Strips

With proper maintenance, Fleetguard ES Compleat™ coolant can last for the major overhaul life of the engine. However, when poor quality make-up water is added to the system or when minimum coolant maintenance is not observed, pH levels can rise or fall to dangerous levels and contaminants (Sulfate and Chloride) can rise to unacceptable levels. When this occurs, coolants must be drained and replaced immediately. To help customers determine the quality of their coolants, Fleetguard has developed revolutionary Quik-Chek Coolant Quality Test Strips. In a matter of minutes the pH, Sulfate and Chloride levels in a coolant can be determined. If results fall within acceptable limits, the coolant can be used until the next service interval with confidence.

Part-No.	Description	Units
CC 2718	Quik-Chek Test Strips	10 strips



## Water-Chek™ H<sub>2</sub>O 3-Way Test Strips

The use of poor quality make-up water can drastically reduce coolant life and cooling system performance by causing additive dropout, scale build-up and metal surface corrosion.

Fleetguard's Water-Chek H<sub>2</sub>O Test Strips are the easy, effective way to determine if your coolant make-up water meets OEM, TMC and ASTM specifications. Simply dip the strip in a sample of the make-up water. In a matter of minutes, you will know the pH, Chloride and Hardness levels and be able to determine if your water meets specifications for use in heavy duty cooling systems.

Part-No.	Description	Units
CC 2609	H <sub>2</sub> O Water Test Strips	single strip

*Note: If any of the readings for hardness, pH or chloride fail, purchase a fully formulated heavy duty precharged coolant meeting ASTM 6210 EG or ASTM 6211 PG or purchase distilled or deionized water to make premixed 50/50 coolant.*

## Refractometer

The Fleetguard Refractometer is the fast, easy way to determine the freeze point protection in both Ethylene Glycol and Propylene Glycol coolants. It is more accurate than test strips or float-type hydrometers and is as easy as 1,2,3.

- Place a drop of coolant on the refractometer window and shut the lid.
- Look through the eyepiece and focus.
- Record the freeze point protection for either Ethylene Glycol or Propylene Glycol coolants.



The Fleetguard Refractometer (**CC2806**) comes with its own durable storage case and takes the guesswork out of freeze point measurement.

## Monitor Coolant Testing

Monitor Coolant Testing Kits provide extensive laboratory coolant testing to determine levels of Molybdate, Nitrate, pH, hardness, chloride, sulfates, corrosion products (iron, lead, etc), and silicates. This kit also tests for freeze/antifreeze points, TDS and buffers. This test is available in standard packaging (**CC2700**).



For more information, visit [cumminsfiltration.com](http://cumminsfiltration.com)

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