

Service demand for R-1234yf is growing rapidly.

Are you prepared?



Nearly 80 million vehicles currently on the road in the US use R-1234yf refrigerant.

Garages need to be prepared to service vehicles with R-1234yf



Aftermarket service demand continues to grow



Approximately 15 million cars with R-1234yf exit factory warranty each year



Reduces cost by allowing for work to be done in-house



Easily installed with similar safe service practices as R-134a

An estimated 95% of vehicles manufactured for sale into the US in 2022 will use R-1234yf

The New OEM Standard

Chemours supplies Opteon™ R-1234yf to more than 11 OEMs globally

OEMs have widely adopted R-1234yf for use in US vehicles, including:

Audi	Chrysler	GMC	Jeep	Mercedes-Benz	Tesla
BMW	Dodge	Honda	Kia	Mitsubishi	Toyota
Buick	Ferrari	Hyundai	Land Rover	Porsche	Volkswagen
Cadillac	Fiat	Infiniti	Lexus	RAM	
Chevrolet	Ford	Jaguar	Maserati	Subaru	

 **Opteon™ YF**
Automotive Refrigerant
R-1234yf

Frequently Asked Questions About Opteon™ YF



 **Chemours™**

FAQs About Opteon™ YF



Q: What is Opteon™ YF?

A: Opteon™ YF (R-1234yf) is a non-ozone depleting, low global warming potential (GWP) refrigerant that has become the standard refrigerant for most automotive manufacturers globally. Opteon™ YF refrigerant cools like Freon™ 134a in automotive air conditioning systems but it has a much lower GWP. Freon™ 134a has a GWP of 1,300; Opteon™ YF has a GWP < 1 and is therefore less harmful for the planet.

Q: Why is the price difference between Freon™ R-134a and Opteon™ YF noticeable and what do you get for the expanded cost?

A: Opteon™ YF (R-1234yf) is a completely new refrigerant, and is manufactured using a more complex process than Freon™ R-134a. In order to design an environmentally safe product for the automotive industry, there are also in depth safety and validation steps during the product development phase to meet industry requirements.

Q: Why does a car use R-1234yf and not R-134a?

A: The car using R-1234yf was specifically designed to have a lower GWP refrigerant than R-134a.

Q: If a car uses Opteon™ YF, can I use Freon™ R-134a to service it?

A: No, it is illegal to use R-134a in a R-1234yf filled car. Cars filled with R-1234yf fall under the US EPA Clean Air Act, so they need to be filled with R-1234yf.

Q: How can I tell if a car uses R-1234yf?

A: There will be a label under the hood which shows the type of refrigerant the vehicle uses. One can also locate this information in the owner's manual



12oz Can

28oz Can

10lb and 25lb Cylinder



Opteon™ YF (R-1234yf) from Chemours is proudly made in the USA.

If you would like more information about Opteon™ YF, the Opteon family of refrigerants, or other refrigerant products, please visit opteon.com/yf or call 800-235-7882.