

R-134A Refrigerant

R-134A refrigerant is a hydrofluorocarbon (HFC) compound used as a replacement for CFCs in various refrigeration and air conditioning applications. It exhibits good thermodynamic properties, including suitable boiling point and vapor pressure, for efficient heat transfer in cooling systems.



Product Overview

High-Efficiency HFC Refrigerant

R-134a is a reliable hydrofluorocarbon (HFC) compound designed as a high-performance replacement for traditional CFCs. It is widely utilized across automotive air conditioning, domestic refrigeration, and commercial cooling sectors due to its excellent thermodynamic properties and chemical stability. While it provides efficient heat transfer, it is currently subject to global phase-down initiatives, making it a critical choice for maintenance and legacy system support.

Technical Properties

Chemical Classification	Hydrofluorocarbon (HFC)
Safety Features	Non-flammable, Chemically Stable

Environmental Impact

Environmental Ratings

0 ODP

Ozone Depletion Potential

Applications

Primary Applications

- Automotive air conditioning systems
- Domestic refrigerators
- Commercial refrigeration units
- Industrial chillers