

R134a

Air Conditioning



Physical Properties

R134a

Classification	HFC
Molecular Weight	102.02 g/mol
Boiling Point	-26.2°C
Flash Point	non-flammable
Ignition Temperature (°F)	non-flammable
Upper explosive limit/upper	non-flammable
Vapor pressure	4.909 Bar (4909 hPa) at 21° C
Liquid Density	1200 kg/m ³ 25° C
Vapor Density	5.368 kg/m ³ at 21° C
Water solubility	1.5 g/l
Vapor Density (Air = 1)	3.5

R134a

1,1,1,2-tetrafluoroethane
(99.9 %)

Available in the following
sizes

- 12 oz. Can
- 30 lb. cyl
- 125 lb. cyl
- 1,000 lb. cyl
- 1,750 lb. cyl

CASE AND PALLET QUANTITIES FOR R134A

12 OZ. AND 30 lb. CYLINDERS

12 CANS	=	1 CASE
105 CASES	=	1 PALLET
40 CYLINDERS	=	1 PALLET

Primary Use

Automotive Air Conditioning

Secondary Use

Medium temperature refrigeration