



Código : 920744 Lata 1 Kg.-R134--"BlueStar"-----



Common Data

Description

A colourless, non-flammable gas at atmospheric pressure with a slight ethereal odour. Supplied at low pressure in metal cylinders. Also available pre-mixed with UV dye

Classif

H.S.Code	29033090.9
UN Number	3159
Class	2.2

Physical Properties

Chemical Formula	1,1,1,2-tetrafluoroethane
Boiling Point	
°C@101.3kPa	-26.1
°F@14.7psia	-14.9
Critical Temperature	
°C	101.1
°F	214.0
Purity	99.9
% by weight(min)	
Water Content	10
ppm by weight(max)	
Acidity	1.0
ppm by weight(max) (as HCl)	
Non Condensable Gasses	1.5
Content measured on vapour phase	
% by volume(max)	
Residues at High Boiling Point	0.01
% by volume(max)	
Chloride	pass
No visible turbidity	

Uses and Features

- Wide use in household and commercial refrigeration, and automotive air-conditioning. Properties make R134a suitable for use in medium temperature food cabinets, water chillers and fountains, heat pumps and dehumidifiers.
- Increasing use as a replacement for CFC-12.
- Blowing agent for various foams.
- Propellant for aerosol pharmaceuticals, lacquers, deodorants, perfumes, mousses, air fresheners, insecticides, cleaning and other household products.

Material Compatibility

Most common materials are suitable for use under normal conditions in a dry system. At high temperatures, use stainless steel or Inconel to resist corrosive breakdown products. Avoid using alloys with more than 2% magnesium (i.e some aluminium alloys) especially when moisture is present. May react violently with sodium, potassium, barium and other alkali or alkaline earth metals. Flexible hoses or gaskets should not contain natural rubber as rapid withdrawals of gas/liquid can extract compounding ingredients and it also suffers from excessive swelling.

Package:

- Non-refillable cylinder of 6.8Kgs,13.6Kgs, 22.7Kgs,
- Ton cylinder of 1000Kgs
- Can of 340g, 750g
- ISO Tank of 18ton

Oil Cor

- PAG
- POE