



China high purity best price Rare Gas Compressed Cylinder Gas Neon

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: Ne
- Minimum Order Quantity: 1 Piece
- Price: US \$100/PC
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 2000 Pcs/Month



Product Specification

- Product Name: Neon Gas
- Valve: Cga580
- Boiling Point: 245.9 °C
- Melting Point: 248.6 °C
- Cylinder Standard: DOT/ISO
- Cylinder Pressure: 15MPa/20MPa
- Model No.: Neon Gas
- Transport Package: 40L, 47L, 50L
- Specification: 40L, 47L, 50L
- Trademark: CMC
- Origin: Suzhou, China
- HS Code: 28042900
- CAS No.: 744-01-9
- Formula: Ne
- EINECS: 231-110-0



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Product Description

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Neon gas (Ne) is a colorless, odorless, and inert noble gas that belongs to the group of elements known as noble gases. Here are some key points about neon gas:

Chemical Composition: Neon is a chemical element with the atomic number 10, meaning it has 10 protons in its nucleus. Its atomic symbol is Ne.

Properties: Neon possesses several important properties:

Inertness: Neon is chemically inert, meaning it does not readily react with other substances. It is non-toxic and does not form compounds with other elements under normal conditions.

Density: Neon is lighter than air and has a density that is approximately 0.9 times that of air.

Low Boiling and Melting Points: Neon has a boiling point of -246.1 degrees Celsius (-411 degrees Fahrenheit) and a melting point of -248.6 degrees Celsius (-415.5 degrees Fahrenheit).

Spectral Emission: Neon is known for its distinctive bright reddish-orange glow when electrically excited. This property makes it widely used in neon signs, advertising displays, and lighting applications.

Occurrence and Production: Neon is a relatively rare element in the Earth's atmosphere, making up only a small fraction (about 0.0018%) of the air. It is obtained through the fractional distillation of liquid air, which separates the various components of air based on their boiling points.

Uses: Neon gas has several applications:

Lighting: Neon gas is widely used in neon signs, fluorescent lighting, and other lighting applications. When an electric current passes through the gas, it emits a distinctive color glow.

Cryogenics: Neon is used as a cryogenic refrigerant in certain applications, such as in cryostats for low-temperature scientific research.

Laser Technology: Neon is used as a laser medium in some types of lasers, particularly helium-neon lasers.

Television Tubes: In the past, neon gas was used in certain types of cathode-ray tubes (CRTs) for televisions and computer monitors to produce red color in the display.

Research and Analytical Applications: Neon gas is used in certain scientific research and analytical instruments, such as mass spectrometers.

Safety Considerations: Neon gas is generally considered safe and non-toxic. However, as with any compressed gas, proper handling, storage, and transportation practices should be followed to ensure safety. Additionally, due to its inert nature, neon gas poses no risk of combustion or supporting combustion.

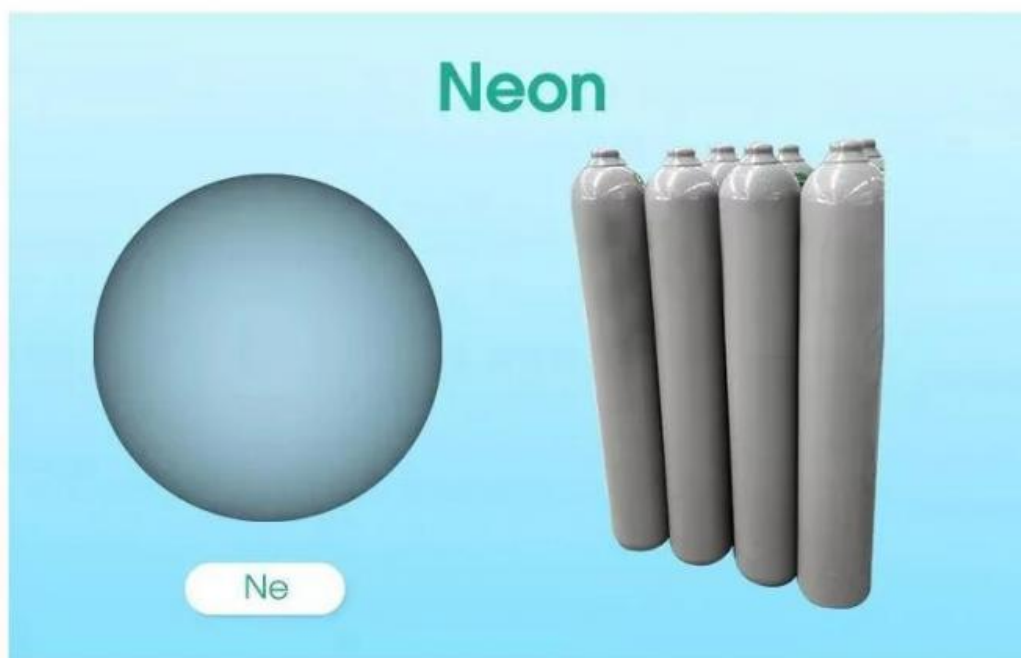
Neon gas is a fascinating element with distinctive properties, especially its characteristic glow, which has made it widely recognizable in various lighting applications.

Basic Info.

Molecular Weight	20.1797	Density	0.9002G/Lm³
Melting Point	248.6°C	Boiling Point	245.9°C
Appearance	Colorless,Odorless	Un No.	Un 1065
DOT Class	2.2	Valve	QF-2/CGA580
Cylinder Standard	GB/ISO/DOT	Cylinder Pressure	15Mpa/20Mpa
Transport Package	40L/47L/50L	Specification	100.0%
Trademark	CMC	Origin	China
HS Code	28042900	Production Capacity	5000m³/Year

Product Description

Product



Neon is a colorless, odorless, non-flammable noble gas. Of all the noble gases, the discharge of neon is the strongest at equal voltages and currents.

Specification:

Specification	Company Standard
Ne	≥ 99.999%
He	≤ 3.0 ppm
H ₂	≤ 1.0 ppm
O ₂ +Ar	≤ 1.0 ppm
N ₂	≤ 1.0 ppm
CH ₄	< 0.1 ppm
CO	≤ 1.0 ppm
CO ₂	≤ 1.0 ppm
H ₂ O	≤ 2.0 ppm

Detailed Photo



Packaging & Shipping



Company

Profile



Shanghai Kemike Chemical Co., Ltd is staffed by trained personnel, combine many years experience in Gas industry .We supply cylinder gas, electronic gas, etc ., and the gas holder, panel, valves and fittings and other equipment, parts and engineering services to our customers in China and worldwide; The products are involved in various industrial fields, such as semiconductor chip, solar cell, LED, TFT-LCD, optical fiber, glass, laser, medicine , etc.,. Our mission is to partner with our global customers to provide support, solutions and quality products that are innovative, reliable, and safe. Our products mainly include: H₂, O₂, N₂, Ar, CO₂, propane, acetylene, helium, laser mixed gas, SiH₄, SiH₂Cl₂, SiHCl₃, SiCl₄, NH₃, CF₄, NF₃, SF₆, HCL, N₂O, doping mixed gas (TMB, PH₃, B₂H₆) and other electronic gases.

SiCl ₄	NH ₃	NH ₃	CH ₃ F	SiH ₄	Kr	H ₂ S	WF ₆	F ₆ +Cl ₂
4MS	C ₃ F ₈	C ₃ F ₈	TEOS	CH ₄	PH ₃	SF ₆	C ₂	HCl+Ne
CF ₄	C ₄ F ₈	SiH ₂						TMB+H ₂
SiF ₄	C ₃ H ₈	Cl ₂						He +As
BBr ₃	C ₃ H ₆	DCE						Ge+Se
POCl ₃	N ₂	SO ₂						D+B
BCl ₃	D ₂	CO ₂						CO+NO
SiHCl ₃	CH ₂ F ₂	HF						Ar+O ₂
TMAI	DMZn	DEZn	GeH ₄	C ₂ H ₆	B ₂ H ₆	H ₂ Se	GeCl ₄	Xe+NO



 Shanghai Kemike Chemical Co.,Ltd

 +86 18762990415

 williamchen@cmc-chemical.com

 gascylindertank.com