



High Purity Neon Gas Cylinder Gas For Neon Signs Cryogenic Refrigeration And Vacuum Tubes Neon

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: Ne
- Minimum Order Quantity: 1L
- Price: US\$0.3-0.5/L
- Packaging Details: Cylinder
- Delivery Time: One Month
- Payment Terms: L/C, Western Union
- Supply Ability: 2000piece/Month



Product Specification

- Product Name: Neon Gas
- Cylinder Pressure: 15MPa/20MPa
- Cylinder Standard: DOT/ISO/GB
- Specification: 1L 4L 10L 50L
- HS Code: 28042900001L1
- Highlight: Cryogenic Refrigeration Neon Cylinder Gas,
High Purity Neon Cylinder Gas,
Vacuum Tubes Neon Gas



Neon Gas

More Images



Product Description

High Purity Neon Gas Cylinder for Neon Signs Cryogenic Refrigeration and Vacuum Tubes Neon

Neon gas is a colorless, odorless, and inert noble gas that belongs to the group of elements known as the noble gases in the periodic table. It is denoted by the chemical symbol "Ne" and has an atomic number of 10. Neon is the second-lightest noble gas, after helium, and is the fifth most abundant element in the universe.

Neon gas is known for its distinctive bright red-orange glow when subjected to electrical discharge. This property makes it widely used in various applications, particularly in lighting. Neon lights, also known as neon signs, are created by filling glass tubes with neon gas and applying an electrical current to excite the gas atoms, causing them to emit light. These lights are often used for advertising signs, display boards, and decorative purposes.

Apart from its use in lighting, neon gas also finds applications in other areas. It is used in vacuum tubes, such as television and computer screens, to produce a bright, stable light source. Neon gas is also used in high-voltage indicators, lasers, cryogenic refrigeration, and as a cryogenic refrigerant itself. Additionally, neon is sometimes mixed with other gases to produce different colors in gas discharge lamps.

Neon gas is obtained through the process of fractional distillation of liquid air. It is relatively rare in Earth's atmosphere, accounting for only about 0.0018% of the atmosphere by volume. It is extracted from the air by separating it from other gases, such as nitrogen and oxygen, through a series of cooling and condensation steps.

Overall, neon gas is valued for its unique properties, including its bright glow and chemical inertness, making it an important element in various industrial and commercial applications.

Product Name	Neon
Molecular Formula	Ne
CAS	7440/1/9
EINECS No.	231-110-9
Grade	Electron Grade, Industrial Grade
Place Of Origin	Jiangsu, China
Purity	99.999%-
Hazard Class	2.2
Molecular Weight	20.18
UN	1065
Boiling Point(°C)	(-246°C)
Packing Detail	Cylinder:50L(DOT) Valve:CGA580 Filling Content:8CBM





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.

 **Shanghai Kemike Chemical Co.,Ltd**

 +86 18762990415

 williamchen@cmc-chemical.com

 gascylindertank.com