



Product Specification

ACETYLENE (C₂H₂)

General Characteristics: A colorless, flammable gas with an odor similar to garlic. Shipped and stored in dissolved acetone. Can decompose spontaneously if pressure exceeds 15 psig.

Health Hazards: A simple asphyxiant.

| Gas Grade/Purity | Cylinder Size | Contents | Product Code |
|---|---------------|--------------------|--------------|
| Instrumental Min. Purity: 99.8% PH ₃ < 1 ppm Sulphur compound < 5 ppm NH ₃ < 5 ppm H ₂ O < 100 ppm | 60 LP | 9.4 m ³ | C2H2ELAA |
| | 40 LP | 6.2 m ³ | C2H2RAA |
| | 6 LP | 1.1 m ³ | C2H2PPAA |
| Industrial Min. Purity: 98.5% H ₂ O < 700 ppm | 60 LP | 9.4 m ³ | C2H2EL |
| | 40 LP | 6.2 m ³ | C2H2R |
| | 6 LP | 1.1 m ³ | C2H2PP |

Cylinder Specification

| Cylinder Size | Cylinder Dimension Diameter x Height | Connection | Content |
|---------------|--------------------------------------|------------|--|
| 60 LP | 31 cm x 102 cm approx. | CGA 510 | Net content : 9400L Pressure@70°F: 250 psig |
| 40 LP | 26 cm x 94 cm approx. | CGA 510 | Net content : 6200L Pressure@70°F: 250 psig |
| 6 LP | 15 cm x 49 cm approx. | CGA 510 | Net content : 1100L Pressure@70°F: 250 psig |

Technical Information

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|------------------------|----------------------|--------------------------------|---------------|
| Molecular Weight | 26.038 | UN No. | UN1001 |
| Specific Volume | 14.7CF/lb | Dot Class | 2.1 |
| Fire Potential | 2.5 - 80% in Air | Dot Label..... | Flammable Gas |
| CGA Valve | 510 | Cas Registry | 74-86-2 |
| LB | N.A. | Cylinder Pressure @ 70°F | 250 psig |
| Dot Name | Acetylene, Dissolved | | |