

Phosphine (PH₃)

Megabit™ II Grade

Total Purity 99.9999%

Description

Megabit™ II Grade Phosphine (99.9999%) is our standard purity grade for opto-electronic applications. Phosphine is a highly toxic, flammable, colorless, liquefied compressed gas.

Specifications

Arsine (AsH ₃)	< 0.1 ppmv
Carbon Dioxide (CO ₂)	< 0.05 ppmv
Carbon Monoxide (CO)	< 0.1 ppmv
Ethane (C ₂ H ₆) + Ethylene (C ₂ H ₄)	< 0.1 ppmv
Methane (CH ₄)	< 0.1 ppmv
Nitrogen (N ₂)	< 0.12 ppmv
Hydrogen (H ₂)	< 5.0 ppmv
Oxygen & Argon (O ₂ & Ar)	< 0.1 ppmv
Water (H ₂ O)	< 0.14 ppmv

Standard Package Information – Asia & North America

Material Number	189523
Cylinder Size	44L Steel
Fill Weight (lbs)	42
Fill Weight (kgs)	19
Valve Connection	Manual DISS 632
Cylinder Dimensions (in)	9x51

Standard Package Information – Europe

Material Number	143617
Cylinder Size	50L Steel
Fill Weight (lbs)	44
Fill Weight (kgs)	20
Valve Connection	Manual DIN1
Cylinder Dimensions (cm)	23x155

For More Information

If you would like additional information or technical assistance, write or call Air Products and Chemicals, Inc. at one of the following locations.

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