

PUREGAS PRODUCT DATA SHEET

Air Zero

Description

Formula

Air

Gas Data

Molecular Weight

29.00

Density at 1.013 bar, 20°C (kg/m³)

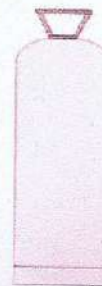
1.205

Specific volume at 1.013 bar, 20°C (m³/kg)

0.830

Flammability Range in air (% Volume)

Non Combustible



The above represents cylinder colour only

PRODUCT	GRADE	O ₂ (%)	N ₂ (%)	OnHm (PPM)	H ₂ O (PPM)	CO ₂ (PPM)	CO (PPM)	TOTAL IMPURITIES (PPM)
Air	Instrument Grade Zero	21±1	79±1	<5	<3	<0.5	<0.5	<9
Air	Synthetic Air	21±1	79±1		<5			

Cylinder Specifications

PRODUCT	GRADE	CYLINDER PRESSURE (kPa)	CYLINDER WATER CAPACITY (L)	CYLINDER CONTENTS (KG)	VALVE
Air	Instrument Grade	17 200	47.2	9.52	5/8" BSP RH Female
Air	Synthetic Air	17 200	47.2	9.52	5/8" BSP RH Female

Equipment Recommendations	Model Number
Dual Stage Regulator	Matheson Model 3120 Series
Single Stage Regulator	Matheson Model 3520 Series

Please note that additional grades of gas and alternative regulators can be provided on request

Shipping Information

CAS Number

132259-10-0

UN Number

UN 1002

ECN Number

EAR99

DOT Proper Shipping Name

Air, Compressed

DOT Classification

2.2 (Non-flammable Gas)

DOT LABEL

NON-FLAMMABLE GAS

ADR Class

2.1A

Characteristics

Colourless and Odourless Gas

Inert

Non-Reactive

Health Risk

Refer to the Puregas MSDS for Air for further information

*Gaslabs 29mbar
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