

# Argon

## Description

Formula: Ar

## Gas Data

Molecular Weight 39.95  
Density: 1.65 kg/m<sup>3</sup> @ 21.1°C, 101.325 kPa  
0.103 lb/ft<sup>3</sup> @ 70°F, 14.696 psia  
Specific Volume: 0.606 m<sup>3</sup>/kg @ 21.1°C, 101.325 kPa  
9.71 ft<sup>3</sup>/lb @ 70°F, 14.696 psia

## Shipping Information

CCAS Number: 7440-37-1  
UN Number: UN 1006  
ECCN Number: EAR99  
DOT Proper Shipping Name: Argon, Compressed  
DOT Classification: 2.2 (Nonflammable Gas)  
DOT Label: NON-FLAMMABLE GAS  
TC Shipping Name: Argon, Compressed  
TC Classification: 2.2  
TC Label: NON-FLAMMABLE GAS,  
NON-POISONOUS GAS

## Cylinder Specifications

Cylinder Size	Content		Valve Outlet CGA No.
	US	Metric	
300	336 ft <sup>3</sup>	8.83 m <sup>3</sup>	580
200	249 ft <sup>3</sup>	6.54 m <sup>3</sup>	580
150	156 ft <sup>3</sup>	4.10 m <sup>3</sup>	580
125	125 ft <sup>3</sup>	3.29 m <sup>3</sup>	580
80	92 ft <sup>3</sup>	2.42 m <sup>3</sup>	580
60	60 ft <sup>3</sup>	1.58 m <sup>3</sup>	580
40	40 ft <sup>3</sup>	1.05 m <sup>3</sup>	580
20	20 ft <sup>3</sup>	0.53 m <sup>3</sup>	580

***Our packaging of gases includes a complete range of cylinder sizes, cylinder cradles (6 and 12 packs), tube trailers, microbulk and bulk. We can handle virtually any size requirement, for customers using 1 or 2 cylinders per year, to customers using millions of cubic feet of product monthly.***



**MATHESON**

ask. . The Gas Professionals™

[www.mathesongas.com](http://www.mathesongas.com)