

# 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.***

## Argon *(continued)*

### Liquid Containers

Liters	Base Type	Content		Relief Valve Setting
		US	Metric	
160	Footring Base	4,400 ft <sup>3</sup>	115 m <sup>3</sup>	230 psi
160	Footring Base	4,200 ft <sup>3</sup>	110 m <sup>3</sup>	350 psi
180	Footring Base	4,900 ft <sup>3</sup>	130 m <sup>3</sup>	230 psi
180	Footring Base	4,700 ft <sup>3</sup>	120 m <sup>3</sup>	350 psi
200	Footring Base	5,200 ft <sup>3</sup>	135 m <sup>3</sup>	230 psi
200	Footring Base	4,900 ft <sup>3</sup>	130 m <sup>3</sup>	350 psi
230	Caster Base	6,000 ft <sup>3</sup>	160 m <sup>3</sup>	230 psi
230	Caster Base	5,700 ft <sup>3</sup>	150 m <sup>3</sup>	230 psi
265	Caster Base	6,900 ft <sup>3</sup>	180 m <sup>3</sup>	230 psi
265	Caster Base	6,600 ft <sup>3</sup>	170 m <sup>3</sup>	350 psi
80	Footring Base	2,000 ft <sup>3</sup>	50 m <sup>3</sup>	350 psi
180	Footring Base	4,700 ft <sup>3</sup>	120 m <sup>3</sup>	350 psi
200	Footring Base	4,500 ft <sup>3</sup>	120 m <sup>3</sup>	500 psi
450	Footring Base	10,200 ft <sup>3</sup>	260 m <sup>3</sup>	500 psi
450	Pallet Base	10,800 ft <sup>3</sup>	280 m <sup>3</sup>	350 psi
600	Pallet Base	17,800 ft <sup>3</sup>	465 m <sup>3</sup>	350 psi
800	Pallet Base	23,700 ft <sup>3</sup>	625 m <sup>3</sup>	350 psi
1,000	Pallet Base	28,000 ft <sup>3</sup>	740 m <sup>3</sup>	350 psi

**Note:** Caster base liquids can be purchased with round base or square base