

Transportation Information

UN Number: 1006



Shipping Name	Argon, Compressed	Argon, Compressed	Argon, Compressed
Hazard Class	2.2	2.2	2.2
Label	Nonflammable Gas	Nonflammable Gas	Nonflammable Gas

(M)SDS Reference

P-4563

CAS Number

7440 - 37 - 1

General Description

Colorless, odorless,
nonflammable inert gas.

Product/Grade	Purity	Part Number	Cylinder	N ₂	O ₂	H ₂ O	CO ₂	CO	H ₂	THC
Semiconductor, 6.0	99.9999%	AR 6.0SP	AT, AS	0.5	0.2	0.2	0.1	0.1	0.1	0.1
Research, 6.0	99.9999%	AR 6.0RS	K, T	1	0.2	1	0.1	0.1	–	0.1
Chromatography, 6.0	99.9999%	AR 6.0CH	K, T	1	0.2	1	0.1	0.1	–	0.1
Trace Analytical, 5.5	99.9995%	AR 5.5TG	K, T, AT	2	0.5	0.5	0.1	0.1	–	0.5
Semiconductor, 5.5	99.9995%	AR 5.5SP	AT	2	0.5	0.5	0.5	0.5	0.5	0.5
Carrier, 5.5	99.9995%	AR 5.5CA	T, K	5	0.5	0.5	1	1	–	0.3
UHP Plus, 5.3	99.9993%	AR 5.3UP	T, K	–	1	1	1	1	–	0.5
Ultra High Purity, 5.0	99.999%	AR 5.0UH	T, K	–	2	3	–	–	–	0.5
Semiconductor, 5.0	99.999%	AR 5.0SP	K, AS	6	2	3	1	1	–	1
High Purity, 4.8	99.998%	AR 4.8	6K, 4K, 3K, T, K	–	4	3	–	–	–	–
Zero, 4.8	99.998%	AR 4.8Z	T, K, Q	–	4	3	–	–	–	0.5

Concentrations given are ppm by volume unless otherwise specified.
Maximum ppm unless otherwise noted.

Cylinders

Cylinder Type	Style	Size in (cm)	Connection CGA/DISS	Pressure psig (bar)	Volume ft ³ (m ³)	Gross Weight lb (kg)
6K	Ultra High Pressure Steel	51 x 10 (129.5 x 24.4)	677	6000 (460)	575 (15.94)	362 (164)
4K	Ultra High Pressure Steel	51 x 9.3 (129.5 x 23.5)	680	4500 (310)	495 (13.23)	198 (90)
3K	Ultra High Pressure Steel	51 x 10 (129.5 x 24.4)	680	3500 (268)	385 (10.68)	228 (103)
T	High Pressure Steel	55 x 9.3 (139.7 x 23.5)	580/718	2640 (183)	335 (9.29)	177 (80)
K	High Pressure Steel	51 x 9 (129.5 x 22.9)	580/718	2200 (154)	248 (6.88)	158 (72)
Q	High Pressure Steel	31 x 7 (78.7 x 17.8)	580	2200 (154)	83 (2.30)	74 (34)
AT	High Pressure Aluminum	54 x 10 (137.2 x 25.4)	580/718	2200 (154)	272 (7.54)	120 (54)
AS	High Pressure Aluminum	48 x 8 (121.9 x 20.3)	580/718	2000 (139)	153 (4.24)	66 (30)
230/240	Portable Liquid Unit	53 x 26 (134.6 x 66.0)	580	22-350	various	various
MB	Microbulk	Various – see page A•18	580	various	various	various

Cylinder packs and
tube trailers are available
upon request



Contact your Praxair representative
about equipment recommendations
for Argon.