

## Product and Package Information

Part Number	Product Grade	Quality Assay/ Specification	Cylinder Style	Content ft <sup>3</sup> /m <sup>3</sup>	Regulator Recommendations See Section F, Page 2
NI 4.8OF	4.8	99.998 %*	T	304/8.43	300 Series: Non-corrosive
	Oxygen Free	O <sub>2</sub> < 0.5 ppm	K	228/6.32	200 Series: Non-corrosive
NI 6.0SP	6.0	99.9999 %*	AT	250/6.93	700 Series: Semiconductor
	Semiconductor	O <sub>2</sub> < 0.2 ppm	AS	142/3.94	400 Series: Non-corrosive
	Process	H <sub>2</sub> O < 0.2 ppm			
	Gas	CO <sub>2</sub> < 0.1 ppm			
		CO < 0.1 ppm THC < 0.1 ppm H <sub>2</sub> < 0.1 ppm			
NI 5.5SP	5.5	99.9995 %*	AT	250/6.93	700 Series: Semiconductor
	Semiconductor	O <sub>2</sub> < 0.5 ppm	AS	142/3.94	400 Series: Non-corrosive
	Process	H <sub>2</sub> O < 0.5 ppm			
	Gas	CO <sub>2</sub> < 0.5 ppm			
		CO < 1 ppm THC < 0.5 ppm H <sub>2</sub> < 0.5 ppm			
NI 5.0SP	5.0	99.999 %*	T	304/8.43	700 Series: Semiconductor
	Semiconductor	O <sub>2</sub> < 1 ppm	K	228/6.32	400 Series: Non-corrosive
	Process	H <sub>2</sub> O < 3 ppm			300 Series: Non-corrosive
	Gas	CO <sub>2</sub> < 1 ppm			
		CO < 2 ppm THC < 1 ppm H <sub>2</sub> < 2 ppm			

\* Argon free basis.

When ordering, please add the desired cylinder style to the end of the above part number.

Add "D" for DISS connection (NI 5.5SP-**ATD**)


  
Cylinder Information

Cylinder Style	Connection CGA/DISS	Pressure psig/bar	Gross Weight lb/kg
6K	677	6000/460	340/154
4K	680	4500/310	179/81
3K	680	3500/268	213/97
T	580	2640/183	165/75
K	580	2200/154	149/68
Q	580	2200/154	69/31
AT	580/ <b>718</b>	2200/154	108/49
AS	580/ <b>718</b>	2000/138	60/27
AQ	580	2200/154	46/21
A3	580	2200/154	20/9

See Sections G and H for safety and technical information.

Products are also available in larger quantities, such as 6-, 12- and 16- pack cylinder clusters as well as dewars, microbulk, tube trailers and bulk.

For additional information on our semiconductor process gases, see Section E – Semiconductor (E34-E36).

See page C66 for cryogenic liquid nitrogen.

See Section E – Medical Gases for Nitrogen – N.F. Grade (E25)