

Product and Package Information

Part Number	Product Grade	Quality Assay/ Specification	Cylinder Style	Content	Regulator Recommendations See Section F, Page 2
SI 4.7SP	4.7	99.997%	AT	10 kg	700 Series: Semiconductor
	Semiconductor Process Gas	AR < 1 ppm CO ₂ < 0.5 ppm CO < 0.5 ppm Total Chlorosilanes < 0.5 ppm He < 5 ppm H ₂ < 100 ppm CH ₄ < 0.5 ppm N ₂ < 5 ppm O ₂ < 0.1 ppm H ₂ O < 2 ppm Carbon < 0.4 ppm/a Aluminum < 0.02 ppb/a Antimony < 0.02 ppb/a Arsenic < 0.02 ppb/a Boron < 0.04 ppb/a Gallium < 0.02 ppb/a Indium < 0.02 ppb/a Phosphorus < 0.1 ppb/a Resistivity >/=10,000 Ohm-cm	UT AS	16 kg 5 kg	400 Series: Corrosive 455 Series: Special Purpose
SI 4.0SP	4.0	99.99 %	UK	10 kg	700 Series: Semiconductor
	Semiconductor Process Gas	Ar <15 ppm CO ₂ < 1 ppm CO < 1 ppm Total Chlorosilanes <1 ppm He < 30 ppm H ₂ < 200 ppm CH ₄ < 1 ppm N ₂ < 20 ppm O ₂ < 1ppm H ₂ O < 3 ppm Resistivity >/=5,000 Ohm-cm	K	5 kg	400 Series: Corrosive 455 Series: Special Purpose

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

Add "D" for DISS connection (SI 4.0SP-**UKD**)



Cylinder Information

Cylinder Style	Connection CGA/DISS	Pressure psig/bar	Gross Weight lb/kg
AT (12 kg)	350/632	1040/72	116/53
AT (10 kg)	350/632	1040/72	114/51
AS	350/632	976/67	59/27
UT	350/632	1040/2	178/81
UK	350/632	1040/2	155/70
K	350/632	1040/72	144/65

See Section E for additional information on Praxair's Semiconductor product line (E34-E36)

See our complete line of gas delivery systems in Section F, including gas cabinets, process panels, and controllers.