

**Nuclear Counter Mixtures****Shipping Information**

UN Number: UN 1956
 DOT Proper Shipping Name: Compressed Gas, nos
 (List of Components)
 DOT Classification: 2.2 (Nonflammable Gas)
 DOT Label: NON-FLAMMABLE GAS
 TC Shipping Name: Compressed Gas, nos
 (List of Components)
 TC Classification: 2.2
 TC Label: NON-FLAMMABLE GAS,
 NON-POISONOUS GAS

Cylinder Specifications

Cylinder Size	Valve Outlet CGA No.	Pressure psig @ 70°F	Pressure kPa @ 21.1°C	Approximate Ship Weight	
				lb	kg
1L	350	2,400	16,547	186	84
1A	350	2,000	13,790	153	69
2	350	2,000	13,790	83	38
3	350	2,000	13,790	37	17

Gas Mixture Specifications	Product Code	Cylinder Size	Content		Equipment Recommendations	Model No.	Page No.
			US	Metric			
Ultra P-10	G0811112	1L	302 ft ³	8.55 m ³	Dual Stage Reg. Single Stage Reg.	Series 3120-350 Series 3530-350	299 313
10% Methane	G0811101	1A	225 ft ³	6.37 m ³			
90% Argon	G0811140	2	88 ft ³	2.49 m ³			
<i>Guaranteed Specifications</i>	G0811150	3	38 ft ³	1.08 m ³			
Methane	9.8%-10.2%						
Oxygen	< 5 ppm						
Water	< 5 ppm						
P-10 Zero Grade	G0810112	1L	302 ft ³	8.55 m ³	Dual Stage Reg. Single Stage Reg.	Series 1251-350 Series 3530-350	296 313
10% Methane	G0810101	1A	225 ft ³	6.37 m ³			
90% Argon	G0810140	2	88 ft ³	2.49 m ³			
	G0810150	3	38 ft ³	1.08 m ³			
1.3% Butane	G0821101	1A	202 ft ³	5.72 m ³	Dual Stage Reg. Single Stage Reg.	Series 1251-350 Series 3530-350	296 313
98.7% Helium	G0821140	2	79 ft ³	2.04 m ³			
0.95% Isobutane	G0832101	1A	202 ft ³	5.72 m ³	Dual Stage Reg. Single Stage Reg.	Series 1251-350 Series 3530-350	296 313
99.05% Helium	G0832140	2	79 ft ³	2.04 m ³			