



Environmental Compliance Standards

Cal-MAT™ Zero Gases

Nitrogen, Acid Rain CEM Grade

Shipping Information

CAS Registry Number:	7727-37-9
UN Number:	UN 1066
DOT Proper Shipping Name:	Nitrogen, Compressed
DOT Classification:	2.2 (Nonflammable Gas)
DOT Label:	NON-FLAMMABLE GAS
TC Shipping Name:	Nitrogen, Compressed
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
1R	580	2,000	13,790	69	31
2R	580	2,000	13,790	48	22
3R	580	2,000	13,790	28	13

Gas Mixtures

Gas Mixtures Specifications	Product Code	Cylinder Size	Content US	Content Metric	Equipment Recommendations	Model No.
Cal-MAT™ Nitrogen, CEM Grade	G1169018	1R	144 ft ³	4.08 m ³	Dual Stage Reg. Single Stage Reg. Outlet Plug Wrench	Series 3120-580 Series 3530-580 TW-4
99.9995%	G1169047	2R	76 ft ³	2.15 m ³		
<i>Guaranteed Specifications</i>	G1169059	3R	29 ft ³	0.82 m ³		
Carbon Dioxide	<	1 ppm				
Carbon Monoxide	<	0.5 ppm				
NOx	<	0.1 ppm				
Sulfur Dioxide	<	0.1 ppm				
THC	<	0.1 ppm				
Water	<	1 ppm				
Oxygen	<	0.5 ppm				

*A Certificate of Conformance will be provided on request.
A lot analysis is available at a nominal charge.*

⚠WARNING: This product can expose you to chemicals including Sulfur Dioxide, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

⚠WARNING: This product can expose you to chemicals including Carbon Monoxide, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.