



Nitrous Oxide, N₂O (Compressed)

Description:

A colorless, oxidizing gas with a sweet taste and odor. Shipped as a liquid under its own vapor pressure.

Cylinder Color Code: BLUE

Characteristics:

Molecular Weight – 44.01
Specific Volume – 8.7 (cubic feet/lb)
Flammability Limits – Oxidizer
(Supports Combustion)
TLV – 50 ppm

Shipping:

DOT Name – Nitrous Oxide, Compressed
DOT Hazard Class – 2.2
UN No – UN1070
DOT Label – Non-Flammable Gas, Oxidizer

Grade & Gas Specification	Cyl. Size	Product Code	Contents Pounds	Cylinder Rental	Cylinder Pressure (psi)	CGA Outlet	Nominal Cylinder Dim. (in.)	Shipping Wt. Lbs
Nitrous Oxide AA 99.6%	200	NO AA200	60	YES	745	326	9 x 55	202
	G	NO AA56	56	YES	745	326	8.5 x 55	170
	G	NO AA50	50	YES	745	326	8.5 x 55	164
Grade & Gas Specification	Cyl. Size	Product Code	Contents Pounds	Cylinder Rental	Cylinder Pressure (psi)	CGA Outlet	Nominal Cylinder Dim. (in.)	Shipping Wt. Lbs
Nitrous Oxide Commercial	30	NO COM30	30	NO	745	326	7 x 47	105
	20	NO COM20	20	NO	745	326	8.5 x 25.5	46
	5	NO COM5	5	NO	745	326	4 x 30	21
Grade & Gas Specification	Cyl. Size	Product Code	Contents Pounds	Cylinder Rental	Cylinder Pressure (psi)	CGA Outlet	Nominal Cylinder Dim. (in.)	Shipping Wt. Lbs
Nitrous Oxide Chemically Pure 99.6%	G	NO CP56	56	YES	745	326	8.5 x 55	170
Grade & Gas Specification	Cyl. Size	Product Code	Contents Pounds	Cylinder Rental	Cylinder Pressure (psi)	CGA Outlet	Nominal Cylinder Dim. (in.)	Shipping Wt. Lbs
Nitrous Oxide USP 99.0%	G	NO USP56	56	YES	745	326	8.5 x 55	170
	G	NO USP50	50	YES	745	326	8.5 x 55	164
	120	NO USP120	30	YES	745	326	7 x 47	105
	20	NO USP20	20	YES	745	326	8.5 x 25.5	46
	10	NO USP10	10	NO	745	326	7 X 20	28
	E	NO USP6.7	6LB, 7OZ	YES	745	326	4 x 30	23
	5	NO USPE	5	YES	745	910	4 x 30	21
	D	NO USPD	3LB, 13OZ	NO	745	910	4.25 x 20.5	11

◇NOTE: Product Codes ending in A are aluminum cylinders - Nominal Cylinder Dimensions are with valve & no cap - Shipping Weight is with cap on.