



Product Specification

NITROGEN (N₂)

General Characteristics: A colorless, non-flammable and odorless gas.

Health Hazards: A simple asphyxiant.

Gas Grade/Purity	Cylinder Size	Contents	Product Code
Ultra High Purity Min. Purity: 99.999% H ₂ O < 3 ppm O ₂ < 5 ppm CH ₄ < 1 ppm Oil free	51 L (2900 psig)	10.2 m ³	N25N200S
	44 L	6.2 m ³	N25N137R
	10 L	1.5 m ³	N25N137G
High Purity Min. Purity: 99.995% H ₂ O < 10 ppm O ₂ < 10 ppm Oil free	51 L (2900 psig)	10.2 m ³	N24N5200S
	44 L	6.2 m ³	N24N5137R
	10 L	1.5 m ³	N24N5137G
C.P. Min. Purity: 99.95% H ₂ O < 50 ppm O ₂ < 50 ppm Oil free	51 L (2900 psig)	10.2 m ³	N23N5200S
	44 L	6.2 m ³	N23N5137R
	10 L	1.5 m ³	N23N5137G
Industrial Min. Purity: 99.9% H ₂ O < 100 ppm O ₂ < 100 ppm Oil free	51 L (2900 psig)	10.2 m ³	N23N200S
	44 L	6.2 m ³	N23N137R
	10 L	1.5 m ³	N23N137G

Cylinder Specification

Cylinder Size	Cylinder Dimension Diameter x Height	Connection	Content
51 L	23 cm x 150 cm approx.	BS 341 No.3	Net content : 10200L Pressure@70°F: 2900 psig
44 L	23 cm x 130 cm approx.	BS 341 No.3	Net content : 6200L Pressure@70°F: 2000 psig
10 L	18 cm x 60 cm approx.	BS 341 No.3	Net content : 1500L Pressure@70°F: 2000 psig

Technical Information

Molecular Weight	28.01	Dot Name	Nitrogen
Specific Volume	13.8CF/lb	UN No.	UN1066
Fire Potential	Non-flammable	Dot Class	2.2
TLV-TWA	None established	Dot Label.....	Non-flammable Gas
CGA Valve	580, 3HP-677, 2HP-680	Cas Registry	7727-37-9
LB	180		