

4500 psi Gas Storage Cylinder 487 cu ft UN/ISO/DOT

SKU: NUVT4500-W

Price: ?0.00



Description

Working Pressure	?4496 psi · ?310 bar
Test Pressure	6744 psi · 465 bar
Burst Pressure	?10,971 psi · ?744 bar
Working Air Capacity	487 cu ft · 13,780 L
Water Capacity	45 L
Length (without cap)	54.13" (±0.39") · 1375 mm (±10 mm)
Diameter	9.02" · 229 mm
Weight (empty)	138.7 lb · 62.9 kg
Temperature Range	-58°F to +149°F · -50°C to +65°C
Service Lifetime	Non-Limited-Life
Available Tank Valves¹	Tank Only · SKU NUVT4500-W CGA347 Valve · SKU NUVT4500-W-347 CGA350 Valve · SKU NUVT450-W-350 CGA680 Valve · SKU NUVT4500-W-680 Email Us with Cylinder/Valve/Gas Questions
DOT Approval	CA2006050031
International Compliance	ISO9809-2:2010
Allowable Use²	Non-embrittling gas service only
Color	Gray

¹For a full list of acceptable storage tank gases, see below. For additional information on gas/valve/cylinder compatibility, please [email the Nuvair sales team](#).

²Acceptable Storage Cylinder Gases

Source: ISO 1114-1:1997(E)

Group 1

Gases compatible with all materials (Code 11111)

Argon

Bromochlorodifluoromethane

Bromotrifluoromethane

Bromotrifluoromethylene

Butadiene-1,3

Butadiene-1,2

Butane

Butene-1

Butene-2 (cis)

Butene-2 (trans)

Carbon dioxide

Carbon monoxide

Carbon tetrafluoride

Carbonyl sulphide

Chlorodifluoromethane

Chloropentafluoroethane

Chlorotetrafluoroethane

Chlorotrifluoroethane

Chlorotrifluoroethylene

Chlorotrifluoromethane

Cyclopropane

Dibromodifluoromethane

Dibromotetrafluoroethane

Dichlorodifluoromethane

Dichlorofluoromethane

Dichlorotetrafluoroethane

1, 1 Difluoro-1-chloroethane

1, 1 Difluoroethane

Dimethyl ether

Ethane

Ethylene

Ethylene oxide

Fluoroethane

Fluoromethane

Trifluoromethane

Helium

Hexafluoroethane

Hexafluoropropene

Isobutane

Isobutylene

Krypton
Methane
Neon
Nitrogen
Nitrous oxide
Nitrogen trifluoride
Octafluoro-2-butene
Octafluorocyclobutane
Octafluoropropane
Oxygen
Propane
Propadiene
Propylene
Propylene oxide
Sulphur dioxide
Sulphur hexafluoride
Tetrafluoroethylene
Trichlorotrifluoroethane
1, 1, 1 Trifluoroethane
Xenon

Group 4

Gases compatible with all materials but requiring high grade stainless steels (Code 11211)

Dichlorosilane
Hydrogen cyanide
Silicon tetrachloride
Silicon tetrafluoride
Sulphur tetrafluoride
Trichlorosilane

Group 5

Gases compatible with all materials except brass (Code 11110)

Ammonia
Cyanogen
Dimethylamine
Ethylamine
Methylamine
Trimethylamine

Group 6

Gases compatible with all materials except brass and requiring high grade stainless steels (Code 11210)

Nitric oxide
Nitrogen dioxide

Group 7

Gases compatible with all materials except aluminium (Code 11101)

Chloromethane
Ethyl chloride

Group 8

Gases compatible with all materials except aluminium and requiring high grade stainless steels (Code 11201)

Chlorine

Fluorine

Phosgene

Tungsten hexafluoride

Group 9

Gases compatible with all materials except aluminium and requiring high grade stainless steels and high grade bronze or nickel alloys (Code 11202)

Boron trichloride

Boron trifluoride

Methyl bromide

Group 10

Gases compatible with all materials except aluminium and requiring high grade stainless steels and brass containing less than 70% Cu (Code 11203)

Vinyl bromide

Vinyl chloride

Vinyl fluoride

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