



TECHNICAL INFO

Chemical Symbol	H <sub>2</sub>
Specific Volume	4.76 scf/lb
CAS Number	1333-74-0
Molecular Weight	2.016 g/mol
LEL / UEL in Air	4% / 75% (vol)

# HYDROGEN

PURE GAS | COLORLESS • ODORLESS • FLAMMABLE

## Shipping Information

US DOT Name	Hazard Class	Label	I.D. Number
Hydrogen, Compressed	2.1	Flammable Gas	UN 1049

GRADE 6.0	RESEARCH 99.9999%
<b>Part Number</b>	HY X-6.0
<b>Impurities</b>	OXYGEN < 0.5 PPM MOISTURE < 0.5 PPM TOTAL HYDROCARBONS < 0.1 PPM CARBON MONOXIDE < 0.1 PPM CARBON DIOXIDE < 0.1 PPM NITROGEN < 0.5 PPM

GRADE 5.5	ULTRA PURE CARRIER 99.9995%
<b>Part Number</b>	HY X-5.5
<b>Impurities</b>	OXYGEN < 1 PPM MOISTURE < 1 PPM TOTAL HYDROCARBONS < 0.5 PPM NITROGEN < 3 PPM

GRADE 5.0	ULTRA HIGH PURITY 99.999%
<b>Part Number</b>	HY X-5.0
<b>Impurities</b>	OXYGEN < 2 PPM MOISTURE < 2 PPM TOTAL HYDROCARBONS < 0.5 PPM NITROGEN < 5 PPM

GRADE 4.5	ZERO 99.995%
<b>Part Number</b>	HY X-4.5
<b>Impurities</b>	OXYGEN < 15 PPM MOISTURE < 10 PPM TOTAL HYDROCARBONS < 0.5 PPM

\*X represents cylinder size

STANDARD CYLINDER SIZE	CONTENTS (ft <sup>3</sup> )	PRESSURE (PSIG)	CGA CONNECTION
T	261	2400	350
K	197	2015	350
Q	77	2015	350

\*Approximate contents listed