

## Abbreviations & Symbols

Symbol	Definition
Å	angstrom(s)
ACGIH	American Conference of Governmental Industrial Hygienists
ASTM	American Society for Testing Materials
atm	atmosphere(s)
avg	average
Btu	British thermal unit(s)
cal	calorie(s)
CAS	Chemical Abstract Services
cc	cubic centimeters
ccm	cubic centimeters per minute
CGA	Compressed Gas Association
cm	centimeter
cm <sup>2</sup>	square centimeter
cm <sup>3</sup>	cubic centimeter
CP	Chemically Pure
Cp	specific heat at constant pressure
CSA	Canadian Standards Association
Cv	coefficient of flow
°C	degree(s) Centigrade
°F	degree(s) Fahrenheit
°K	degree(s) Kelvin
°R	degree(s) Rankin
ea	each
EPA	Environmental Protection Agency
EPDM	Ethylene-Propylene Terpolymer
EPR	Ethylene Propylene Rubber
ft	foot, feet
ft <sup>3</sup>	cubic foot (feet)
gal	gallon(s)
gms	gram(s)
HCFC-124	Hydrochlorofluorocarbon
hr	hour
Hz	hertz

Symbol	Definition
ID	identification or inside diameter
in, ins	inch(es)
in <sup>3</sup>	cubic inch
kg	kilogram(s)
kpa	kilopascal(s)
lb, lbs	pound(s)
L	liter(s)
Lpm	liters per minute
m	meter(s)
m <sup>3</sup>	cubic meter(s)
mA	milliampere
max	maximum
mg	milligram(s)
min	minute(s)
ml	milliliter(s)
mm	millimeter(s)
mol. wt.	molecular weight
MOS	Metal Oxide Semiconductor
NA	not applicable
nbp	normal boiling point
NER	normal evaporation rate
NF	National Formulary
NIST	National Institute of Standards and Technology
No	number
nom	nominal
NOS	not otherwise specified
NPT	national pipe thread
NTP	normal temperature and pressure
OD	outside diameter
OSHA	Occupational Safety and Health Administration
oz	ounce(s)
PCTFE	PolyChloroTrifluoroEthylene
ppb	part(s) per billion
ppm	part(s) per million
psi	pound(s) – force per square inch

Symbol	Definition
psia	pound(s)–force per square inch absolute
psig	pound(s)–force per square inch gauge
scc	standard cubic centimeters
sccm	standard cubic centimeters per minute
sccs	standard cubic centimeters per second
scfh	standard cubic feet per hour
scfm	standard cubic feet per minute
scfs	standard cubic feet per second
sec	second(s)
slpm	standard liters per minute
sp. gr.	specific gravity
sp. vol.	specific volume
SS, Stn. Stl.	Stainless Steel
STEL	Short Term Exposure Limit
STP	Standard Temperature and Pressure
Temp.	Temperature
THC	Total Hydrocarbon Content
TLV	Threshold Limit Value
tp	triple point
TWA	Time Weighted Average
UHP	Ultra High Purity
UN	United Nations
USP	United States Pharmacopoeia
VAC	volts alternating current
VDC	volts direct current
wt%	weight percent (percent by weight)
wt. ppm	weight parts per million
yd	yard(s)
>	greater than
<	less than
B	greater than or equal to
A	less than or equal to