

**TABLE 13-1**  
**Standard Designation Colors and Operating Pressures for Gas and Vacuum Systems**

<b>Gas Service</b>	<b>Abbreviated Name</b>	<b>Colors (Background/Text)</b>	<b>Standard Gauge Pressure</b>
Medical air	Med Air	Yellow/black	345–380 kPa (50–55 psi)
Carbon dioxide	CO <sub>2</sub>	Gray/black or gray/white	345–380 kPa (50–55 psi)
Helium	He	Brown/white	345–380 kPa (50–55 psi)
Nitrogen	N <sub>2</sub>	Black/white	1,100–1,275 kPa (160–185 psi)
Nitrous oxide	N <sub>2</sub> O	Blue/white	345–380 kPa (50–55 psi)
Oxygen	O <sub>2</sub>	Green/white or white/green	345–380 kPa (50–55 psi)
Oxygen/carbon dioxide mixture	O <sub>2</sub> /CO <sub>2</sub> n (n is % of CO <sub>2</sub> )	Green/white	345–380 kPa (50–55 psi)
Medical-surgical vacuum	Med Vac	White/black	360 mm to 760 mm (15 in. to 30 in. HgV)
Waste anesthetic gas disposal	WAGD	Violet/white	Varies with system type
Other mixtures	Gas A%/ Gas B%	Colors as above Major gas for background/ minor gas for text	None
Nonmedical air (level 3 gas-powered device)		Yellow-and-white diagonal stripe/black	None
Nonmedical and Level 3 vacuum		White-and-black diagonal stripe/black boxed	None
Laboratory air		Yellow-and-white checkerboard/black	None
Laboratory vacuum		White-and-black checkerboard/black boxed	None
Instrument air		Red/white	1,100–1,275 kPa (160–185 psi)