

Gas Cylinder Valve Comparison Table

Gas	Chemical Formula	FTSC Code	Classification	ISO 5145: 2014	BS 341		DIN477		CGA-V1		LINDE Co.		SCOTT Co.		FARAFAN Co.	
					Valve	Thread	Valve	Thread	Valve	Thread	Valve	Thread	Valve	Thread	Valve	Thread
Acetylene	C ₂ H ₂	5130	Flammable	LH	BS4	LH	DIN3	LH	CGA510	LH	DIN3	LH	BS4	LH	BS 4	LH
Air	Z Air	1050	Inert	RH	BS3	RH	DIN13	RH	CGA346	RH	DIN13	RH	BS3/DIN6	RH	BS 3	RH
Ammonia	NH ₃	2102	Flammable & Toxic	LH	BS10	RH	DIN6	RH	CGA240	RH	DIN6	RH	BS10/DIN8	RH	DIN 6	RH
Argon	Ar	0150	Inert	RH	BS3	RH	DIN6	RH	CGA580	RH	DIN6	RH	BS3/DIN10	RH	BS3/ DIN6	RH
N-Butane	C ₄ H ₁₀	2100	Flammable	LH	BS4	LH	DIN1	LH	CGA510	LH	DIN1	LH	BS4/DIN1	LH	BS4/DIN1	LH
1-Butene	C ₄ H ₈	2100	Flammable	LH	BS4	LH	DIN1	LH	CGA510	LH	DIN1	LH	BS4/DIN1	LH	BS4/DIN1	LH
Carbon Dioxide	CO ₂	0110	Inert	RH	BS8	RH	DIN6	RH	CGA320	RH	DIN6	RH	BS8/DIN6	RH	RV DIN 6	RH
Carbon Monoxide	CO	2250	Flammable & Toxic	LH	BS4	LH	DIN5	LH	CGA350	LH	DIN5	LH	BS4/DIN5	LH	BS 4	LH
Ethane	C ₂ H ₆	2110	Flammable	LH	BS4	LH	DIN1	LH	CGA350	LH	DIN1	LH	BS4/DIN1	LH	BS4/DIN1	LH
Ethene	C ₂ H ₄	2150	Flammable	LH	BS4	LH	DIN1	LH	CGA350	LH	DIN1	LH	BS4/DIN1	LH	BS4/DIN1	LH
Helium	He	0150	Inert	RH	BS3	RH	DIN6	RH	CGA580	RH	DIN6	RH	BS3/DIN10	RH	BS3/DIN6	RH
Hydrogen	H ₂	2150	Flammable	LH	BS4	LH	DIN1	LH	CGA350	LH	DIN1	LH	BS4/DIN1	LH	BS4/DIN1	LH
Iso Butane	C ₄ H ₁₀	2100	Flammable	LH	BS4	LH	DIN1	LH	CGA510	LH	DIN1	LH	BS4/DIN1	LH	BS4/DIN1	LH
Iso Butene	C ₄ H ₈	2100	Flammable	LH	BS4	LH	DIN1	LH	CGA510	LH	DIN1	LH	BS4/DIN1	LH	BS4/DIN1	LH

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Methane	CH ₄	2150	Flammable	LH	BS4	LH	DIN1	LH	CGA350	LH	DIN 1	LH	BS4/DIN1	LH	BS4/DIN1	LH
Nitrogen	N ₂	0150	Inert	RH	BS3	RH	DIN10	RH	CGA580	RH	DIN10	RH	BS3/DIN10	RH	BS3	RH
Nitrous Oxide	N ₂ O	4110	Oxidizing	RH	BS13	RH	DIN11	RH	CGA326	RH	DIN11	RH	BS13/DIN6	RH	RV DIN11	RH
Nitric Oxide	NO	4351	Toxic	RH	BS14	RH	DIN8	RH	CGA660	RH	DIN8	RH	BS14/DIN8	RH	SS DIN8/ SS DIN6	RH
Oxygen	O ₂	4050	Oxidizing	RH	BS3	RH	DIN9	RH	CGA540	RH	DIN9	RH	BS3	RH	BS3	RH
Propane	C ₃ H ₈	2100	Flammable	LH	BS4	LH	DIN1	LH	CGA510	LH	DIN1	LH	BS4/DIN1	LH	BS4/DIN1	LH
Propene	C ₃ H ₆	2100	Flammable	LH	BS4	LH	DIN1	LH	CGA510	LH	DIN1	LH	BS4/DIN1	LH	BS4/DIN1	LH
Hydrogen Sulfide	H ₂ S	2201	Flammable & Toxic	LH	BS15	LH	DIN5	LH	CGA330	LH	DIN5	LH	BS15/DIN5	LH	CGA330	LH
Sulfur Hexafluoride	SF ₆	0100	Inert	RH	BS6	RH	DIN6	RH	CGA590	LH	DIN6	RH	BS6/DIN6	RH	RV DIN6	RH
Sulfur Dioxide	SO ₂	0201	Toxic and Corrosive	RH	BS10	RH	DIN7	RH	CGA660	RH	DIN7	RH	BS12/DIN8	RH	DIN7	RH