

Some cylinders may be unsuitable for particular uses and the choice of cylinder options for each product depends upon factors such as pressure of fill, component compatibility, cylinder availability.

Detailed below are the principal cylinders in the Special Gases range. Heights are given to the centre of a typical valve outlet; weights are for empty cylinders with valve or cap guard fitted. All dimensions are for guidance and should be treated as approximate.

Material	Cylinder size	Height (m)	External diameter (m)	Empty weight (kg)	Water capacity (litres)	Max pressure rating (bar)	Nominal Contents (m <sup>3</sup> ) (Volume of perfect gas expanded to 1ATM ABS pressure at 15°C)
Low Pressure Welded Steel Welded steel cylinders are used for low pressure liquefiable gases, such as Propane and Ammonia and liquid mixtures	BE	1.19	0.38	51.0	108.4	20	2.23
	BK	1.29	0.28	33.0	61.0	20	1.25
	BKA	1.03	0.30	33.0	61.0	-	-
	BD	0.84	0.32	30.0	54.5	20	1.12
	E3	1.02	0.22	15.8	32.0	-	-
	E1	1.09	0.21	35.0	25.4	35	0.88
	BA	0.43	0.27	9.0	11.3	20	0.23
Chromium-molbdenum steel	L	1.54	0.23	70.0	50.0	200	9.9
	V	0.88	0.14	19.0	10.0	200	1.98
	BC	0.43	0.10	6.0	2.0	200	0.4
Carbon-manganese steel Carbon-manganese steel cylinders are primarily used for corrosive/components such as Hydrogen Chloride and Fluorine	L	1.70	0.23	93.0	50.0	150	7.45
	J	1.46	0.23	75.0	47.2	137	6.42
	V	0.90	0.14	24.0	10.0	150	1.49
Aluminium alloy	AL	1.62	0.25	60.5	50.0	200	9.9
	AK	1.51	0.23	52.0	40.0	200	7.92
	AJ	1.21	0.23	42.0	31.5	137	4.28
	AY	0.93	0.18	19.0	15.0	200	2.98
	AV	0.68	0.18	16.0	10.0	200	1.98
	AH	0.48	0.15	7.6	5.0	200	0.99
	AZ	0.29	0.10	2.3	1.2	200	0.24

Drum tanks	Drum size	Length (m)	External diameter (m)	Tare weight (kg)	Payload (kg)	Water capacity (litres)
Ammonia	LT	2.19	0.85	530	425	900
	T	2.12	0.95	645	530	1000
	TT	2.14	0.96	730	630	1000
Chlorine	ST	1.79	0.89	615	875	850
Ethylene Oxide	LE	1.38 (ht)	1.05	530	540	708
	LT	2.20	0.88	510	700	900
	T(INT)	2.10	0.95	645	780	1000
Hydrocarbon Mixtures (Propellants)	T	2.14	0.96	730	490	1000
Hydrogen Chloride	T	2.18	0.95	1100	670	1000
Hydrogen Sulphide	T	1.82	1.03	910	660	1000
Methyl Chloride	ST	1.73	0.89	630	560	850
Sulphur Dioxide	LT(UK)	2.11	0.89	700	1016	900
	LT(INT)	2.19	0.83	500	1016	900
	ST	1.79	0.89	615	865	850
Sulphur Hexafluoride	T	2.15	0.75	478	600	600
Specialist Containers	Z1	0.31	0.30	3	26	-
	Z2	0.57	0.42	8	78	-
	Z3	0.89	0.61	20	260	-

## BOC

The Priestley Centre, 10 Priestley Road,  
The Surrey Research Park, Guildford, Surrey GU2 7XY, United Kingdom

Tel +44 (0) 1483 579 857 Fax +44 (0) 1483 505 211 Web [BOCOnline.co.uk](http://BOCOnline.co.uk)