

Cylinder	Contents at Full	Service	Length	Diameter	Tare	Outlet
Size	Service Pressure	Pressure			Weight	Fitting
4DS	4 L	8.3 bar	20.31 cm	7.3 cm	0.14 kg	Aerosol
	0.14 ft ³	120 psi	8 in	2.88 in	0.31 lbs	
11DAL	11 L	10.7 bar	27.9 cm	7.3 cm	0.14 kg	Aerosol
	0.4 ft ³	155 psi	11 in	2.88 in	0.31 lbs	
17DS	17 L	16.5 bar	27.9 cm	7.3 cm	0.45 kg	CGA 600
	0.6 ft ³	240 psi	11 in	2.88 in	1 lbs	
34DS	34 L	34.5 bar	27.9 cm	7.3 cm	0.68 kg	CGA 600
	1.2 ft ³	500 psi	11 in	2.88 in	1.5 lbs	
34GAL	34 L	68 bar	24.1 cm	6.4 cm	0.45 kg	C-10
	1.06 ft ³	985 psi	9.5 in	2.5 in	0.99 lbs	
58GAL	58 L	69 bar	27.4 cm	7.4 cm	0.65 kg	C-10
	2 ft ³	1000 psi	10.8 in	2.9 in	1.43 lbs	
100GAL	100 L	69 bar	30.5 cm	8.9 cm	1.1 kg	C-10
	3.5 ft ³	1000 psi	12 in	3.5 in	2.4 lbs	
116GAL	100 L	69 bar	34.3 cm	8.9 cm	1.7 kg	C-10
	4.1 ft ³	1000 psi	13.5 in	3.5 in	3.74 lbs	
221DS	221 L	18 bar	41.3 cm	22.9 cm	2.58 kg	CGA 165
	8 ft ³	260 psi	16.25 in	9 in	5.7 lbs	
550DS	550 L	138 bar	53 cm	10 cm	5.3 kg	CGA
	20 ft ³	2000 psi	21 in	4 in	11.66 lbs	
RS12	352 L	16.5 bar	46 cm	30 cm	8 kg	CGA 510
	12.3 ft ³	240 psi	18 in	12 in	17.6 lbs	
RS2	56 L	124 bar	32.5 cm	5 cm	1.8 kg	CGA 170/180
	2 ft ³	1800 psi	13 in	2 in	3.96 lbs	
RAL20	682 L	124 bar	66 cm	10 cm	6 kg	CGA
	20 ft ³	1800 psi	26 in	4 in	13.2 lbs	
RAL33	940 L	138 bar	40 cm	17.5 cm	6.8 kg	CGA
	33 ft ³	2000 psi	16 in	7 in	15 lbs	
RAL150	4245 L	138 bar	120 cm	20 cm	22 kg	CGA
	150 ft ³	2000 psi	48 in	8 in	48 lbs	
RS250	5660 L	138 bar	129 cm	23 cm	53 kg	CGA
	200 ft ³	2000 psi	51 in	9 in	116 lbs	
RS300	8490 L	165 bar	139 cm	23 cm	62 kg	CGA
	300 ft ³	2400 psi	55 in	9 in	137 lbs	

ISO Certified 9001:2008

Shelf Life, Certification, and Tolerance

SHELF LIFE

17DS, 34DS, 103DS, 221DS, 550DS, RS2 – NON REACTIVE MIXTURES

PRODUCT	BALANCE	SHELF LIFE
NON-REACTIVE MIXTURES EXCEPT RS2 WHICH IS 1 YEAR	N2/AIR	36 MONTHS

34DAL, 58DAL, 116DAL, 103RAL – REACTIVE MIXTURES

PRODUCT	BALANCE	SHELF LIFE
H2S (includes 4-gas mixtures)	N2/AIR	13 MONTHS
HCN	N2	18 MONTHS
SO2	N2/AIR	18 MONTHS
NO	N2	12 MONTHS
NH3	N2/AIR	24 MONTHS
ETO	N2	12 MONTHS
HCL	N2	8 MONTHS
CL2	N2	12 MONTHS
PHOSPHINE	N2	12 MONTHS
NO2	AIR	6 MONTHS

11DAL-AEROSOL (BUMP GAS)

PRODUCT	BALANCE	SHELF LIFE
REACTIVE GAS	AIR/N2	6 MONTHS
NON REACTIVE GAS	AIR/N2	12 MONTHS

CYLINDER	+/- 2%	+/- 5%	+/- 10%	+/- 20%
DS AND RS	11 PPM - 100%	1 – 10 PPM	< 1 PPM	-----
DAL AND RAL	51 - 300 PPM	21 - 50 PPM	1 - 20 PPM	< 1 PPM
AEROSOL (REACTIVE GAS)	-----	-----	-----	1 - 9999PPM
AEROSOL (NON-REACTIVE GAS)	-----	10PPM-100%	< 10 PPM	-----