

Acetylene Cylinders

(at 70 F corresponding to minimum cylinder volume)

	Nom. Dimensions							Solvent Acetone [DMF]	Acetylene Capacity
	Min.	Approx.	OD	Height w/o	Height	tmin			
	Cylinder	Tare Wgt.		Valve and	w/Valve				
	Volume	w/Valve	Cap	(w/o Cap)					
	(in ³)	(lb)	(in)	(in)	(in)	(in)	(lb)		
(liter)	(kg)	(mm)	(mm)	(mm)	(mm)	(kg)	(m ³)		

DOT / TC Specification Acetylene Cylinders

S-10	125	8.2	3.95	13.375	15.4	0.07	1.3	10
	2	3.7	100.33	339.7	391.2	1.8	0.6	0.28
S-40	466	23.7	6.18	19.813	23.2	0.09	5.1	40
	7.6	10.8	156.97	503.25	589.3	2.3	2.3	1.1
S-40BF	466	26.5	6.18	20	25.912	0.09	5.1	40
	7.6	12	156.97	508	658.2	2.3	2.3	1.1
S-75	855	43.8	7.2	25.5	31.26	0.1	9.3	75
	14	19.8	182.88	647.7	793.9	2.5	4.2	2.1
S-100	1055	55.6	7.26	30.75	36.6	0.13	12.4	100
	17.3	25.2	184.4	781	929.6	3.3	5.6	2.8
S-145	1536	74.3	8.22	34.25	39.85	0.11	17.9	145
	25.2	33.7	208.78	869.95	1012.2	2.8	8.1	4.1
WM-210	2194	101.9	10.27	32.6	38.2	0.13	25.9	210
	36	46.2	260.85	828	970.3	3.3	11.7	5.9
WM-250	2606	119	10.27	38	43.6	0.13	30.8	250
	42.7	54	260.85	965.2	1107.4	3.3	14	7.1
W-310	3240	136.65	12.34	32.75	38.35	0.13	38.2	310
	53.1	62	313.43	831.85	974.1	3.4	17.3	8.8
W-397	4151	169.8	12.34	41	46.6	0.13	49	397
	68	77	313.43	1041.4	1183.6	3.4	22.2	11.2
W-420	4375	177.1	12.34	43.25	48.85	0.13	51.9	420
	71.7	80.3	313.43	1098.55	1240.8	3.4	23.5	11.9
W-450	4680	184.9	12.34	45.25	50.85	0.13	55.6	450
	76.7	83.9	313.43	1149.35	1291.6	3.4	25.2	12.7

Seamless ISO 3807 Cylinders

AC40L	2441	130	9	48	53	0.13	27.55	259
	40	59	228.6	1219.2	1346	3.4	12.5	7.3
AC50L	3051	168	9	57	65	0.13	34.17	324
	50	76.2	228.6	1447.8	1574.8	3.4	15.5	9.18