

COMPOSITE PRESSURE VESSELS

for Aircraft and
Missiles

MISSILES AND ROCKETS

MISSILE COMPONENTS

PART NUMBER	MINIMUM VOLUME (IN ³)	DIAMETER X LENGTH (IN)	MEOP (PSIG)	MINIMUM BURST PRESSURE (PSIG)	MAXIMUM WEIGHT (LBS*)
220137-1	16	1.77 x 16.06	8,000	22,000	0.78
220166-1	21	2.65 x 7.5	10,000	20,000	0.90
220133-1	30	2.75 x 10.37	10,000	20,000	0.97
220129-1	67	5.43 x 6.14	2,437	4,874	1.14
220128-1	91	5.79 x 7.65	8,485	16,970	2.27
220120-1	103	5.20 x 9.56	10,000	20,000	2.76
220120-2	103	5.25 x 9.71	10,000	24,200	2.98
220127-1	104	5.79 x 8.71	9,457	18,914	2.86
220164-1	120	5.29 x 10.67	10,000	24,700	3.30
220060-44	175	5.07 x 17.23	4,200	9,337	7.60
220114-1	198	5.20 x 15.45	10,000	20,000	3.97
220060-41	249	5.50 x 19.06	4,000	8,900	7.85
220060-43	261	5.07 x 22.91	4,900	10,900	9.85
220060-42	305	7.12 x 16.31	5,000	11,100	10.98
220119-1	340	6.63 x 14.50	4,000	10,000	4.25
220131-1	390	7.06 x 15.50	10,000	20,000	7.25
220007	435	5.01 x 28.78	3,000	7,200	6.00
220149-1	451	5.25 x 28.99	6,286	18,858	7.80
220063	490	10.43 x 11.02	3,200	7,150	6.00
220043	600	8.24 x 16.96	1,543	3,425	9.40
220083-1	720	8.39 x 20.27	3,500	9,900	9.70
220083-2	720	8.63 x 20.27	3,500	14,000	16.76

*Weight based on specification, actual value may be lower.

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220034	775	8.64 x 21.41	3,250	7,200	16.20
220035	775	8.50 x 21.90	3,080	7,700	9.80
220084	775	8.64 x 21.41	3,250	7,200	16.20
220068	1,250	13.66 x 15.80	4,350	10,150	26.75
220150-1	1,906	8.52 x 44.30	6,286	18,858	26.80
220140-1	4,666	13.90 x 50.00	3,050	9,000	67.30
220168-1	24,000	19.15 x 114.00	4,600	10,350	282.00
220167-1	33,110	26.5 x 81.3	1,630	3,668	310.00
220148-1	220	5.76 x 14.33	8,500	21,250	5.3
220130-1	260	5.0 x 18.03	3,750	11,700	3.5
220147-1	300	5.76 x 17.8	8,500	21,250	6.55
220135-1	340	6.63 x 14.45	4,000	8,000	4.5
220063	490	10.43 x 11.02	3,200	7,150	6
220088-1,3	490	10.3 x 11.02	5,000	10,000	5.3
220088-2	490	10.57 x 11.02	5,000	12,500	6.5
220139-2	490	10.3 x 11.02	3,043	7,608	6.6
220069	541	10.66 x 11.82	4,074	8,148	6.8
220155-1	655	8.5 x 17	2,630	5,260	7.55
220111	880	13.7 x 12.8	5,075	10,150	19
10070890	1,890	17.1 x 14.95	4,000	8,560	17
220074	2,550	18.19 x 19.23	5,000	10,050	33.5
2200153-1	2,550	18.9 x 19.23	5,000	10,050	33.5
220098	3,010	18.71 x 19.18	4,000	6,000	20.05
220121-2	3,010	13.02 x 34.5	4,000	6,000	17.05
220142-2	4,000	12.94 x 37.94	2,700	4,050	20
220145-2	4,000	13.04 x 36.98	4,000	6,000	23.7
220134-1	4,200	12.5 x 42.98	3,500	5,250	22.14
220134-2	4,200	12.65 x 42.98	2,500	7,200	27.6
220165-1	5,000	12.94 x 50.6	2,700	4,050	24.5
10070504-01	5,182	15.2 x 36.3	4,800	7,200	33.29
10070504-02	6,127	15.2 x 42.3	4,800	7,200	38.4
10070504-03	7,139	15.2 x 48.3	4,800	7,200	43.21
10070504-04	8,116	15.2 x 54.3	4,800	7,200	48.28
220086-11	8,181	26.13 x 26.31	4,000	6,000	72.5
10070504-05	9,097	15.2 x 60.4	4,800	7,200	53.1
10070504-06	9,914	15.2 x 65.4	4,800	7,200	57.32
10070504-07	10,730	15.2 x 70.4	4,800	7,200	61.51
220132-1	11,500	20 x 47.6	3,000	6,000	75
220122-1	14,212	20.6 x 56.5	3,726	7,500	90.4
10071224-1	14,212	20.6 x 54.5	3,000	7,500	92
220062	18,817	35.77 x 36.86	3,000	12,000	280
10070799	26,093	23.3 x 82.1	6,000	13,500	276
220126-2	31,600	24 x 78.44	300	450	43.4
10070804	42,855	27.3/43 x 66	6,600	13,500	685
10071204	46,138	36 x 63	4,500	10,000	370
220141-1	66,420	40 x 74.5	4,600	6,900	393
10070930	376,000	90 x 78	850	1,800	1,240

www.gd-ots.com

11399 16th Court North, Suite 200
St. Petersburg, FL 33716
727 578 8100

APPROVED FOR PUBLIC
RELEASE 2009.09 2020.07

Lincoln Operations

4300 Industrial Avenue
Lincoln, NE 68504
402 464 8211
gdbdevlincoln@gd-ots.com

GENERAL DYNAMICS
Ordnance and Tactical Systems