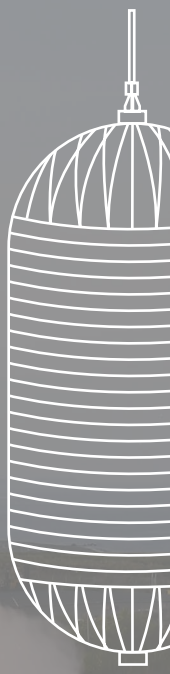


COMPOSITE PRESSURE VESSELS

Missiles, Rockets, Aircraft, Satellites and Space Launch Vehicles



COMPOSITE AEROSPACE STRUCTURES | **COMPOSITE STRUCTURES**

U.S. CUSTOMARY SYSTEM OF UNITS								
PART NUMBER	**MINIMUM VOLUME (IN3)**	**DIA (IN)**		**LENGTH (IN)**	**MEOP (PSIG)**	**MIN-BURST (PSIG)**	**MAXIMUM WEIGHT (LBS*)**	**STATUS**
220119-1	340	6.63	x	14.50	4,000	10,000	4.25	Production
220007	435	5.01	x	28.78	3,000	7,200	6	Production
220083-1	720	8.39	x	20.27	3,500	9,900	9.7	Production
220083-2	720	8.63	x	20.27	3,500	14,000	16.76	Production
220034	775	8.64	x	21.41	3,250	7,200	16.2	Production
220084	775	8.64	x	21.41	3,250	7,200	16.2	Production
220140-1	4,666	13.90	x	50.00	3,050	9,000	67.3	Production
220063	490	10.43	x	11.02	3,200	7,150	6.0	Production
220088-1, 3	490	10.30	x	11.02	5,000	10,000	5.3	Production
220088-2	490	10.57	x	11.02	5,000	12,500	6.5	Production
10070890	1,890	17.10	x	14.95	4,000	8,560	17.0	Production
220121-2	3,010	13.02	x	34.50	4,000	6,000	17.1	Production
10073670	3,010	13.02	x	34.50	3,011	6,022	18.3	Production
220142-2	4,000	12.94	x	37.94	2,700	4,050	20.0	Production
220145-2	4,000	13.04	x	36.98	4,000	6,000	23.7	Production
220165-1	5,000	12.94	x	50.60	2,700	4,050	24.5	Production
10070504-01	5,182	15.20	x	36.30	4,800	7,200	33.3	Production
10070504-02	6,127	15.20	x	42.30	4,800	7,200	38.4	Production
10070504-03	7,139	15.20	x	48.30	4,800	7,200	43.2	Production
10070504-04	8,116	15.20	x	54.30	4,800	7,200	48.3	Production

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

U.S. CUSTOMARY SYSTEM OF UNITS

PART NUMBER	MINIMUM VOLUME (IN3)	DIA (IN)		LENGTH (IN)	MEOP (PSIG)	MIN-BURST (PSIG)	MAXIMUM WEIGHT (LBS*)	STATUS
10070504-05	9,097	15.20	x	60.40	4,800	7,200	53.1	Production
10070504-06	9,914	15.20	x	65.40	4,800	7,200	57.3	Production
10070504-07	10,730	15.20	x	70.40	4,800	7,200	61.5	Production
10071224-1	14,212	20.60	x	54.50	3,000	7,500	92.0	Production
10071204	46,138	36.00	x	63.00	4,500	10,000	370.0	Production
10073116	17	2.65	x	6.17	10,000	22,222	1.1	Production
10071901	384	9.85	x	8.90	4134	8681	7.0	Production
10071563	120	5.40	x	10.74	10,000	24,700	4.0	Production
10073422	71	5.70	x	7.28	9,000	26,000	3.2	Production
10073416	232	8.44	x	9.24	9,000	26,000	6.5	Production
10071224-2	19,560	20.60	x	72.65	3,000	7,500	118.0	Production
10073310	129	4.49	x	13.77	10,000	20,600	2.6	Development[1]
10073150	129	4.49	x	13.53	10,000	20,600	2.6	Development[1]
10073515	7	1.44	x	7.80	10,048	21,502	0.3	Development[1]
10073484	3,077	13.90	x	30.63	10,250	20,000	48.0	Development[1]
10070504-08	4,355	15.20	x	31.150	4,800	7,200	33.3	Development[1]
220137-1	16	1.77	x	16.06	8,000	22,000	0.78	Archive[2]
220166-1	21	2.65	x	7.50	10,000	20,000	0.9	Archive[2]
220133-1	30	2.75	x	10.37	10,000	20,000	0.97	Archive[2]
220129-1	67	5.43	x	6.14	2,437	4,874	1.14	Archive[2]
220128-1	91	5.79	x	7.65	8,485	16,970	2.27	Archive[2]
220120-1	103	5.20	x	9.56	10,000	20,000	2.76	Archive[2]
220120-2	103	5.25	x	9.71	10,000	24,200	2.98	Archive[2]
220127-1	104	5.79	x	8.71	9,457	18,914	2.86	Archive[2]
220164-1	120	5.29	x	10.67	10,000	24,700	3.3	Archive[2]
220060-44	175	5.07	x	17.23	4,200	9,337	7.6	Archive[2]
220114-1	198	5.20	x	15.45	10,000	20,000	3.97	Archive[2]
220060-41	249	5.50	x	19.06	4,000	8,900	7.85	Archive[2]
220060-43	261	5.07	x	22.91	4,900	10,900	9.85	Archive[2]
220060-42	305	7.12	x	16.31	5,000	11,100	10.98	Archive[2]
220131-1	390	7.06	x	15.50	10,000	20,000	7.25	Archive[2]
220149-1	451	5.25	x	28.99	6,286	18,858	7.8	Archive[2]
220043	600	8.24	x	16.96	1,543	3,425	9.4	Archive[2]
220035	775	8.50	x	21.90	3,080	7,700	9.8	Archive[2]
220068	1,250	13.66	x	15.80	4,350	10,150	26.75	Archive[2]
220150-1	1,906	8.52	x	44.30	6,286	18,858	26.8	Archive[2]
220168-1	24,000	19.15	x	114.00	4,600	10,350	282.0	Archive[2]
220167-1	33,110	26.50	x	81.30	1,630	3,668	310.0	Archive[2]
220148-1	220	5.76	x	14.33	8,500	21,250	5.3	Archive[2]
220130-1	260	5.00	x	18.03	3,750	11,700	3.5	Archive[2]
220147-1	300	5.76	x	17.80	8,500	21,250	6.6	Archive[2]
220135-1	340	6.63	x	14.45	4,000	8,000	4.5	Archive[2]
220139-2	490	10.30	x	11.02	3,043	7,608	6.6	Archive[2]
220069	541	10.66	x	11.82	4,074	8,148	6.8	Archive[2]

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

[1] Development pressure vessels have been built and tested but not complete with qualification.

[2] Archive pressure vessels are no longer in regular production and may require additional non-recurring engineering.

U.S. CUSTOMARY SYSTEM OF UNITS								
PART NUMBER	**MINIMUM VOLUME (IN3)**	**DIA (IN)**		**LENGTH (IN)**	**MEOP (PSIG)**	**MIN-BURST (PSIG)**	**MAXIMUM WEIGHT (LBS*)**	**STATUS**
220155-1	655	8.50	x	17.00	2,630	5,260	7.6	Archive[2]
220111	880	13.70	x	12.80	5,075	10,150	19.0	Archive[2]
220074	2,550	18.19	x	19.23	5,000	10,050	33.5	Archive[2]
2200153-1	2,550	18.90	x	19.23	5,000	10,050	33.5	Archive[2]
220098	3,010	18.71	x	19.18	4,000	6,000	20.1	Archive[2]
220136	3,370	15.10	x	25.38	4,200	6,300	20.8	Archive[2]
220134-1	4,200	12.50	x	42.98	3,500	5,250	22.1	Archive[2]
220134-2	4,200	12.65	x	42.98	2,500	7,200	27.6	Archive[2]
220125	6,000	13.06	x	55.63	4,500	9,000	48.2	Archive[2]
220086-11	8,181	26.13	x	26.31	4,000	6,000	72.5	Archive[2]
220132-1	11,500	20.00	x	47.60	3,000	6,000	75.0	Archive[2]
220122-1	14,212	20.60	x	56.50	3,726	7,500	90.4	Archive[2]
220062	18,817	35.77	x	36.86	3,000	12,000	280.0	Archive[2]
10070799	26,093	23.30	x	82.10	6,000	13,500	276.0	Archive[2]
220126-2	31,600	24.00	x	78.44	300	450	43.4	Archive[2]
10070804	42,855	43/27	x	66.00	6,600	13,500	685.0	Archive[2]
10071954	57,024	36.00	x	75.00	4,500	7,088	385.0	Archive[2]
220141-1	66,420	40.00	x	74.50	4,600	6,900	393.0	Archive[2]
10070930	376,000	90.00	x	78.00	850	1,800	1240.0	Archive[2]

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