

SPECTRAchutes© Descent Chart 10-2003		Density Altitude Equivalent Sea Level - 0 feet for an approx. 15-20 FPS descent rate				Density Altitude Equivalent 5,000 feet for an approx. 15-20 FPS descent rate				Density Altitude Equivalent 10,000 feet for an approx. 15-20 FPS descent rate			
Size of chute in inches (feet)	** part number	Minimum weight in		Maximum weight in		Minimum weight in		Maximum weight in		Minimum weight in		Maximum weight in	
		ounces	pounds	ounces	pounds	ounces	pounds	ounces	pounds	ounces	pounds	ounces	pounds
12 (1.0)	012-019-016	6.0	0.37	8.0	0.50	5.1	0.32	6.8	0.42	4.2	0.26	5.6	0.35
18 (1.5)	018-028-024	13.5	0.84	18.0	1.12	11.5	0.72	15.3	0.95	9.4	0.59	12.6	0.79
24 (2.0)	024-038-032	23.9	1.5	31.9	2.0	20.3	1.3	27.2	1.7	16.7	1.0	22.4	1.4
30 (2.5)	030-048-040	37.4	2.3	49.9	3.1	31.8	2.0	42.4	2.7	26.2	1.6	34.9	2.2
36 (3.0)	036-057-048	54.0	3.4	71.9	4.5	45.9	2.9	61.1	3.8	37.8	2.4	50.3	3.1
42 (3.5)	042-066-057	73.3	4.6	97.8	6.1	62.3	3.9	83.1	5.2	51.3	3.2	68.5	4.3
48 (4.0)	048-075-065	95.8	6.0	128	8.0	81.5	5.1	109	6.8	67.1	4.2	89.4	5.6
54 (4.5)	054-085-073	121	7.6	162	10	103	6.4	137	8.6	85.0	5.3	113	7.1
60 (5.0)	060-095-082	150	9.4	200	12	127	7.9	170	11	105	6.5	140	8.7
72 (6.0)	072-113-097	215	13	287	18	183	11	244	15	151	9.4	201	13
84 (7.0)	084-132-114	294	18	391	24	250	16	333	21	206	13	274	17
96 (8.0)	096-151-130	383	24	511	32	326	20	434	27	268	17	358	22
108 (9.0)	108-170-146	485	30	647	40	412	26	550	34	339	21	453	28
120 (10)	120-188-162	599	37	798	50	509	32	679	42	419	26	559	35
144 (12)	144-226-196	862	54	1150	72	733	46	977	61	604	38	805	50

Notes :

**** part number definition:** 1st number - base diameter, 2nd number - across the 'chute flat, 3rd number - is over the top of the 'chute.

1. This chart is to be used as a starting guide for parachute selection for low, mid and high power rockets only. See also Note 3.
2. No chart can be 100% effective in all cases and should not be relied on without actual research.
3. This chart is to be used only with SPECTRAchutes© brand parachutes. It is NOT compatible with other brands.

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