

TA Type Balloons

Sounding Balloons

Payload : 250gr Rate of Ascent : 320m/min

Reference		TA600	TA700	TA800	TA1000
Color		uncolored			
Average Weight	(gr)	600	700	800	1000
Neck Diameter	(cm)	3.0	3.0	3.0	3.0
Neck Length	(cm)	12.0	12.0	12.0	12.0
Flaccid Body Length	more (cm)	157	171	184	206
Barely Inflated Diameter	more (cm)	100	109	117	131
Payload	(gr)	250	250	250	250
Recommended Free Lift	(gr)	870	920	970	1060
Nozzle Lift	(gr)	1120	1170	1220	1310
Gross Lift	(gr)	1720	1870	2020	2310
Diameter at Release	(cm)	142	146	150	157
Volume at Release	(m ³)	1.50	1.63	1.76	2.01
Rate of Ascent	(m/min)	320	320	320	320
Diameter at Burst	(cm)	602	653	700	786
Bursting Altitude	(km)	30.8	31.8	32.6	33.9
Bursting Pressure	(hPa)	10.4	8.9	7.9	6.6
Q'ty per inner Box		10	10	8	6
Dimension of inner box (mm), L x W x H		485x315x120	480x310x145	480x310x145	480x315x120
Q'ty per outer carton Box		10x3=30	10x3=30	8x3=24	6x3=18
Dimension of outer carton box (mm), L x W x H		510x410x350	510x470x340	510x470x340	510x410x350
Volume per outer carton box	(m ³)	0.73	0.081	0.081	0.073
Approx. Gross Weight per outer carton box	(kg)	21	24	22	21

Sounding Balloons

Payload : 1050gr Rate of Ascent : 320m/min

Reference		TA1200	TA1500	TA1800	TA2000	TA3000
Color		uncolored				
Average Weight	(gr)	1200	1500	1800	2000	3000
Neck Diameter	(cm)	3.0	3.0	5.0	5.0	5.0
Neck Length	(cm)	12.0	12.0	18.0	18.0	18.0
Flaccid Body Length	more (cm)	226	253	273	289	357
Barely Inflated Diameter	more (cm)	144	161	174	184	227
Payload	(gr)	1050	1050	1050	1050	1050
Recommended Free Lift	(gr)	1190	1280	1360	1420	1670
Nozzle Lift	(gr)	2240	2330	2410	2470	2720
Gross Lift	(gr)	3440	3830	4210	4470	5720
Diameter at Release	(cm)	179	185	191	195	212
Volume at Release	(m ³)	2.99	3.33	3.66	3.89	4.97
Rate of Ascent	(m/min)	320	320	320	320	320
Diameter at Burst	(cm)	863	944	998	1054	1300
Bursting Altitude	(km)	33.2	34.2	34.7	35.4	37.9
Bursting Pressure	(hPa)	7.3	6.3	5.8	5.3	3.7
Q'ty per inner Box		6	5	3	3	2
Dimension of inner box (mm), L x W x H		480x315x145	480x310x145	480x310x120	480x315x120	485x315x120
Q'ty per outer carton Box		6x3=18	5x3=15	3x3=9	3x3=9	2x3=16
Dimension of outer carton box (mm), L x W x H		510x470x340	510x470x340	510x410x350	510x410x350	510x410x350
Volume per outer carton box	(m ³)	0.081	0.081	0.073	0.073	0.073
Approx. Gross Weight per outer carton box	(kg)	25	26	20	21	21