

Latex & Cloudbuster™ Balloon Helium Chart

All 11" Pearl and Metallic balloons are produced on super-sized forms; while the uninflated balloons look larger than other balloons of the same size, they are designed to inflate to the same size as Standard, Jewel, and Fashion Colours.

NOTE: The listed average inflation sizes, flying times, and numbers of balloons per helium tank are conservative averages.

Actual flying times vary depending on temperature and atmospheric conditions.

Balloon Type	Inflated Diameter	Lift Ability	Gas Capacity	Avg. # per 3.6m ³ T-Size Cylinder	Avg. Flying Time*
5" (13cm) Round	5" (13cm)	N/A	0.06 cu. ft. (0.002m ³)	2117	N/A
6" (15cm) Heart	6" (15.2cm)	N/A	0.05 cu. ft. (0.002m ³)	1800	N/A
7" (18cm) Chrome™ Colours	7" (18cm)	0.07 oz. (1.94g)	0.11 cu. ft. (0.003m ³)	1200	8-10 hours
9" (23cm) Round	9" (23cm)	0.2 oz. (6g)	0.25 cu. ft. (0.007m ³)	514	12-16 hours
11" (28cm) Standard & Special Colours	10.75" (27cm)	0.35 oz. (9g)	0.5 cu. ft. (0.0141m ³)	255	18-24 hours
11" (28cm) Metallic & Pearl Colours	10.75" (27cm)	0.35 oz. (9g)	0.5 cu. ft. (0.0141m ³)	255	16-18 hours
11" (28cm) Chrome Colours	10.75" (27cm)	0.35 oz. (9g)	0.5 cu. ft. (0.0141m ³)	255	22-26 hours
11" (28cm) Round Printed	11" (28cm)	0.38 oz. (10g)	0.55 cu. ft. (0.016m ³)	225	18-24 hours
11" (28cm) Heart	11" (27.9cm)	0.14 oz. (4g)	0.3 cu. ft. (0.009m ³)	400	6 hours
12" (38cm) QuickLink™	12" (31cm)	0.5 oz. (14g)	0.6 cu. ft. (0.02m ³)	180	12+ hours
15" (38cm) Heart	15" (38cm)	0.4 oz. (11g)	0.61 cu. ft. (0.020m ³)	180	12 hours
16" (41cm) Round	16" (40.6cm)	1.2 oz. (34g)	1.5 cu. ft. (0.0425m ³)	84	30+ hours
16" (41cm) GEO Donut™	16" (40.6cm)	0.5 oz. (14.15g)	0.7 cu. ft. (0.0198m ³)	181	18-24 hours
16" (41cm) GEO Blossom™	16" (40.6cm)	0.4 oz. (11.3g)	0.6 cu. ft. (0.0170m ³)	211	18-24 hours
30" (76cm) Metallic & Pearl Colours	30" (76cm)	6.5 oz. (184g)	8 cu. ft. (0.2266m ³)	15	3-4 days
3' (0.9m) Heart	34" (86.3cm)	6 oz. (168g)	7 cu. ft. (0.198m ³)	18	3-5 days
3' (1m) Giant (inflated to 30")	30" (76cm)	6.5 oz. (184g)	8 cu. ft. (0.2266m ³)	15	3-4 days
3' (1m) Giant (inflated to 34")	34" (86.3cm)	12 oz. (340g)	15 cu. ft. (0.4249m ³)	8	3-5 days
4' (1.2m) Cloudbuster	4' (1.2m)	1.7 lb. (771g)	34 cu. ft. (0.963m ³)	3	4-5 days
5.5' (1.7m) Cloudbuster**	5.5' (1.7m)	4.7 lb. (2.13kg)	87 cu. ft. (2.464m ³)	1	8 days
8' (2.4m) Cloudbuster**	8' (2.4m)	15.5 lb. (7.03kg)	267 cu. ft. (7.561m ³)	0.5	5 days
646Q Giant Airship	6" (15cm)	0.35 oz. (9.5g)	0.61 cu. ft. (0.017m ³)	211	12 hours

All Qualatex® latex balloons are helium-weight quality and are manufactured in the USA or Canada from biodegradable, pure, natural latex.

* **The use of ULTRA HI-FLOAT® balloon flight extender is recommended for all helium-filled latex balloons. ULTRA HI-FLOAT can increase the flying times of latex balloons up to 25 times longer than untreated balloons. For more information about ULTRA HI-FLOAT, visit www.hi-float.com.**

** Because the filling and usage of display balloons is beyond our control, no performance or longevity guarantee can be made.

Inflating Cloudbusters with 60/40 helium and air will reduce the amount of helium needed. See page 213 for Conwin 60/40 regulator.



Sylvia Kosla-Corbelin, csa, and Jean Philippe Corbelin, csa, of The Best Balloon Company Sarl, St. Livres, Switzerland

Hi-Float® Accessories

Treat your latex balloons and your bottom line!

With ULTRA HI-FLOAT® balloon flight extender, you can increase the float time of helium-filled Qualatex latex balloons by up to 25 times! That means added value and increased satisfaction for your customers that will differentiate you from your competitors and result in repeat business!



ULTRA HI-FLOAT

DAV #55293 148ml (5 oz.)

Includes pump

DAS #84932 473ml (16 oz.)

Includes pump

DAU #80229 710ml (24 oz.)

ZVH #80230 2.84L (96 oz.)

DAX #80295 HI-FLOAT Dispenser

ZHI #90608 260Q HI-FLOAT Adaptor

Dispenser sold separately

Qualatex Balloon Size	Average Flying Time Helium Only	Average Flying Time with ULTRA HI-FLOAT*
11"	18-24 hours	1-4 weeks
16"	30+ hours	3-7 weeks

How many balloons will it treat?

Balloon Size	Ultra Hi-Float 96oz	Ultra Hi-Float 24oz
11"	567	141
16"	216	54

ULTRA HI-FLOAT is a trademark of the HI-FLOAT Co., in Louisville, KY, USA. *Estimates for typical indoor conditions. Flying time will be less outdoors and varies greatly depending on humidity, temperature, altitude, etc. Balloons typically float half as long in summer as in winter.

ULTRA HI-FLOAT is an aqueous solution containing a special water-soluble plastic. It dries inside the latex balloon to form a barrier coating that helps hold in helium.

Microfoil Balloon Helium Chart

NOTE: The listed average inflation sizes and numbers of balloons per helium tank are conservative averages.

A properly inflated, helium-filled Microfoil balloon will float for at least 3-5 days and can be easily refreshed.

Actual flying times vary depending on temperature and atmospheric conditions.

Balloon Description	Inflated Size	(Width x Height)	Lift Ability	Gas Capacity	Avg. # per 3.6m ³ T-Size Cylinder
35" (89cm) Crescent Moon	29" x 38.5"	74cm x 98cm	0.5 oz. (15.5g)	1.3 cu. ft. (0.037m ³)	97
18" (51cm) Diamond	18" x 17"	46cm x 43cm	0.14 oz. (4.06g)	0.54 cu. ft. (0.015m ³)	240
18" (46cm) Heart	14" x 13"	36cm x 33cm	0.1 oz. (2g)	0.5 cu. ft. (0.015m ³)	240
36" (91cm) Heart	27.5" x 27"	70cm x 69cm	1.2 oz. (53g)	4 cu. ft. (0.103m ³)	34
18" (46cm) Round	13.5" x 13.5"	34cm x 34cm	0.1 oz. (2g)	0.5 cu. ft. (0.015m ³)	240
31" (79cm) Round	24" x 24"	61cm x 61cm	1.5 oz. (43.6g)	1.6 cu. ft. (0.045m ³)	80
36" (91cm) Round	27" x 27"	69cm x 69cm	2.3 oz. (66g)	4.4 cu. ft. (0.119m ³)	30
18" (46cm) Square	13" x 13"	33cm x 33cm	0.1 oz. (3.5g)	0.6 cu. ft. (0.016m ³)	225
20" (51cm) Star	18" x 17.5"	46cm x 45cm	0.1 oz. (3g)	0.6 cu. ft. (0.016m ³)	225
36" (91cm) Star	31.5" x 30"	80cm x 76cm	1.1 oz. (32g)	2.5 cu. ft. (0.068m ³)	52
37" (94cm) Adorable Astronaut	22" x 28"	56cm x 71cm	0.33 oz. (9.43g)	1.12 cu. ft. (0.032m ³)	112
35" (89cm) Amazing Octopus	22" x 28"	56cm x 71cm	0.48 oz. (13.59g)	1.37 cu. ft. (0.039m ³)	92
38" (96cm) Baby Boy/Girl	25" x 29"	64cm x 74cm	0.56 oz. (15.88g)	1.52 cu. ft. (0.043m ³)	83
35" (89cm) Baby Feet	27" x 28"	69cm x 71cm	0.51 oz. (14.46g)	1.54 cu. ft. (0.044m ³)	81
40" (101cm) Beautiful Butterfly	36" x 34"	91cm x 86cm	0.54 oz. (15.35g)	1.68 cu. ft. (0.048m ³)	75
35" (89cm) Beer Mug	22" x 29"	56cm x 74cm	0.88 oz. (24.94g)	1.94 cu. ft. (0.055m ³)	65
30" (76cm) Big Red Kiskey Lips	25" x 18"	64cm x 46cm	0.62 oz. (17.7g)	1.35 cu. ft. (0.038m ³)	94
35" (89cm) Birthday Cake & Candles	19" x 28"	48cm x 71cm	0.54 oz. (15.4g)	1.44 cu. ft. (0.041m ³)	87
36" (91cm) Bit Donut & Sprinkles	26" x 27"	66cm x 69cm	0.50 oz. (14.19g)	1.32 cu. ft. (0.037m ³)	96
38" (96cm) Bride's Wedding Dress	23" x 29"	58cm x 74cm	1.15 oz. (32.53g)	2.07 cu. ft. (0.059m ³)	61
39" (99cm) Bubbly Wine Glass	13" x 35"	33cm x 89cm	0.19 oz. (5.25g)	0.8 cu. ft. (0.023m ³)	156
39" (99cm) Celebrate Bottle	15" x 34"	38cm x 86cm	0.83 oz. (19.46g)	1.51 cu. ft. (0.043m ³)	83
30" (76cm) Cloud	19" x 25"	48cm x 64cm	0.53 oz. (15.1g)	1.27 cu. ft. (0.036m ³)	100
41" (106cm) Colourful Toucan	24" x 35"	61cm x 89cm	0.88 oz. (25g)	1.85 cu. ft. (0.052m ³)	69
37" (94cm) Congrats Grad Bookworm	23" x 31"	58cm x 79cm	0.93 oz. (26.46g)	1.9 cu. ft. (0.053m ³)	68
41" (106cm) Congratulations Grad Stars	33" x 22"	84cm x 56cm	1.16 oz. (33.02g)	2.04 cu. ft. (0.058m ³)	62
32" (81cm) Construction Loader	23" x 26"	58cm x 66cm	1.22 oz. (34.47g)	2.25 cu. ft. (0.064m ³)	56
32" (81cm) Cow/Giraffe	24" x 27"	61cm x 69cm	0.60 oz. (16.91g)	1.54 cu. ft. (0.044m ³)	81
36" (91cm) Cute Clown	28" x 27"	70cm x 69cm	0.53 oz. (15.08g)	1.54 cu. ft. (0.044m ³)	81
42" (106cm) Delightful Dolphin	38" x 29"	96cm x 74cm	0.42 oz. (11.8g)	1.3 cu. ft. (0.037m ³)	97
37" (94cm) Diamond Wedding Ring	30" x 29"	76cm x 74cm	0.78 oz. (22.04g)	1.7 cu. ft. (0.048m ³)	75
18" (46cm) Dice	13" x 10"	33cm x 25cm	0.05 oz. (1.5g)	0.5 cu. ft. (0.015m ³)	240
39" (99cm) Ellie The Elephant	30" x 27"	76cm x 69cm	0.29 oz. (8.33g)	1.35 cu. ft. (0.038m ³)	94
22" (56cm) England Shirt	18" x 19"	46cm x 48cm	0.32 oz. (8.96g)	0.86 cu. ft. (0.024m ³)	150
34" (86cm) Farm Tractor	27" x 24"	69cm x 61cm	1.34 oz. (37.87g)	2.41 cu. ft. (0.068m ³)	52
43" (109cm) Fashionable Fish	31" x 36"	79cm x 91cm	0.70 oz. (19.78g)	1.9 cu. ft. (0.054m ³)	66
36" (91cm) Fire Truck	30" x 25"	76cm x 64cm	1.60 oz. (45.42g)	2.72 cu. ft. (0.077m ³)	46
35" (89cm) Frosted Cupcake	20" x 29"	51cm x 74cm	0.76 oz. (21.45g)	1.18 cu. ft. (0.033m ³)	109
41" (104cm) Funky Cake	25" x 35"	64cm x 89cm	0.47 oz. (13.4g)	1.57 cu. ft. (0.044m ³)	81
41" (104cm) Glitter Gold Wedding Cake	26" x 30"	(66cm x 76cm)	0.70 oz. (19.83g)	1.65 cu. ft. (0.047m ³)	76
41" (104cm) Golden Crown	35" x 29"	89cm x 74cm	0.85 oz. (23.97g)	1.83 cu. ft. (0.052m ³)	69
44" (111cm) Golden Pineapple	17" x 35"	43cm x 89cm	0.745 oz. (21.06g)	1.59 cu. ft. (0.045m ³)	80
36" (91cm) Golden Skull	22" x 30"	56cm x 76cm	1.65 oz. (46.71g)	2.63 cu. ft. (0.074m ³)	48
39" (99cm) Golden Trophy	29" x 28"	74cm x 71cm	0.45 oz. (12.86g)	1.31 cu. ft. (0.037m ³)	97
35" (89cm) Graceful Swan	29" x 25"	74cm x 64cm	0.51 oz. (14.51g)	1.3 cu. ft. (0.037m ³)	97
34" (86cm) Graduate Owl	21" x 29"	53cm x 74cm	1.15 oz. (32.7g)	2.27 cu. ft. (0.064m ³)	56
39" (99cm) Groom's Tuxedo	18" x 35"	46cm x 89cm	0.60 oz. (16.94g)	1.44 cu. ft. (0.041m ³)	88
39" (99cm) Happy Birthday Presents	32" x 25"	81cm x 64cm	0.84 oz. (23.75g)	1.88 cu. ft. (0.053m ³)	67
42" (106cm) Hearts & Filigree	31" x 27"	78cm x 69cm	0.24 oz. (6.86g)	1.33 cu. ft. (0.038m ³)	94
42" (106cm) Hot Air Balloon	28" x 35"	71cm x 89cm	1.13 oz. (31.9g)	2.29 cu. ft. (0.065m ³)	55
27" (69cm) Ice Cream Cone	18" x 24.5"	46cm x 62cm	0.23 oz. (6.38g)	0.8 cu. ft. (0.022m ³)	163
46" (117cm) I Heart U Radiant Hearts	36" x 23"	91cm x 58cm	0.64 oz. (18.14g)	1.5 cu. ft. (0.042m ³)	85
38" (96cm) Jurassic World: Raptor	31" x 31"	(79cm x 79cm)	0.42 oz. (12.03g)	1.17 cu. ft. (0.033m ³)	109
40" (101cm) Lightbulb	23" x 35"	58cm x 89cm	1.60 oz. (45.26g)	2.77 cu. ft. (0.078m ³)	46
45" (114cm) Llama	27" x 39"	69cm x 99cm	0.76 oz. (21.52g)	1.68 cu. ft. (0.048m ³)	75
29" (74cm) Loveable Lion	24" x 21"	60cm x 53cm	0.92 oz. (26.05g)	1.8 cu. ft. (0.051m ³)	70
32" (81cm) Love Struck Panda Bear	23" x 27"	58cm x 69cm	1.09 oz. (30.9g)	2.1 cu. ft. (0.058m ³)	62
37" (94cm) Magical Unicorn	26" x 32"	66cm x 81cm	0.72oz. (20.34g)	1.67 cu. ft. (0.047m ³)	76
38" (96cm) Mermaid	34" x 23"	86cm x 58cm	0.91 oz. (25.74g)	1.57 cu. ft. (0.044m ³)	81
35" (89cm) Mischievous Monkey	25" x 20"	64cm x 51cm	0.58 oz. (16.31g)	1.47 cu. ft. (0.042m ³)	85
37" (99cm) Mr. Diploma	25" x 33"	64cm x 84cm	0.34 oz. (9.7g)	1.25 cu. ft. (0.035m ³)	102
38" (96cm) Mythical Caticorn	21" x 30"	53cm x 76cm	0.48 oz. (13.62g)	1.35 cu. ft. (0.038m ³)	94
45" (114cm) Mythical Dragon	36" x 34"	91cm x 86cm	0.40 oz. (11.2g)	1.7 cu. ft. (0.048m ³)	75
40" (101cm) Narwhal	28" x 34"	71cm x 86cm	0.53 oz. (15.1g)	1.43 cu. ft. (0.040m ³)	90
39" (99cm) Number Zero	27" x 34"	61cm x 86cm	0.41 oz. (11.67g)	1.79 cu. ft. (0.051m ³)	70
38" (96cm) Number One	15" x 34"	38cm x 86cm	0.56 oz. (15.87g)	1.42 cu. ft. (0.040m ³)	90
43" (109cm) Number Two	22" x 34"	56cm x 86cm	0.39 oz. (11.04g)	1.47 cu. ft. (0.042m ³)	85
43" (109cm) Number Three	23" x 35"	58cm x 89cm	0.39 oz. (10.93g)	1.5 cu. ft. (0.042m ³)	85
41" (104cm) Number Four	25" x 36"	64cm x 91cm	0.47 oz. (13.4g)	1.6 cu. ft. (0.045m ³)	80
43" (109cm) Number Five	23" x 35"	58cm x 89cm	0.32 oz. (9.08g)	1.42 cu. ft. (0.040m ³)	90
42" (106cm) Number Six/Nine	23" x 34"	58cm x 86cm	0.25 oz. (7.2g)	1.35 cu. ft. (0.038m ³)	94
39" (99cm) Number Seven	23" x 36"	58cm x 91cm	0.51 oz. (14.49g)	1.48 cu. ft. (0.042m ³)	85

Microfoil Balloon Helium Chart (continued)

Balloon Description	Inflated Size	(Width x Height)	Lift Ability	Gas Capacity	Avg. # per 3.6m ³ T-Size Cylinder
42" (106cm) Number Eight	23" x 35"	58cm x 89cm	0.26 oz. (7.26g)	1.48 cu. ft. (0.042m ³)	85
36" (91cm) Palm Frond	12" x 32"	30cm x 81cm	0.04 oz. (1g)	0.6 cu. ft. (0.017m ³)	211
30" (76cm) Pig/Tiger	23" x 20"	58cm x 51cm	0.52 oz. (14.8g)	1.37 cu. ft. (0.039m ³)	92
46" (117cm) Pink Flamingo	29" x 35"	74cm x 89cm	0.50 oz. (14.11g)	1.4 cu. ft. (0.038m ³)	94
40" (101cm) Pirate Ship	32" x 33"	81cm x 48cm	0.5 oz. (14.3g)	1.7 cu. ft. (0.05m ³)	72
30" (76cm) Playing Card	16.5" x 23.5"	42cm x 60cm	0.9 oz. (24g)	1.5 cu. ft. (0.056m ³)	64
39" (99cm) Potted Cactus	25" x 32"	64cm x 81cm	0.37 oz. (10.53g)	1.3 cu. ft. (0.037m ³)	97
31" (79cm) Precious Panda	24" x 20"	61cm x 51cm	0.90 oz. (25.62g)	1.77 cu. ft. (0.050m ³)	72
36" (91cm) Pugs & Kisses	24" x 31"	61cm x 79cm	0.51 oz. (14.34g)	1.43 cu. ft. (0.040m ³)	90
36" (91cm) Radiant/Bright Rainbow	32" x 16"	80cm x 41cm	1.05 oz. (29.76g)	1.84 cu. ft. (0.052m ³)	69
42" (106cm) Rainbow Cake & Candle	21" x 34"	53cm x 86cm	0.92 oz. (26.03g)	1.8 cu. ft. (0.051m ³)	70
39" (99cm) Rainbow Drip Cake	25" x 28"	64cm x 71cm	0.31 oz. (8.72g)	1.23 cu. ft. (0.035m ³)	102
34" (86cm) Rainbow Piñata	25" x 30"	64cm x 66cm	0.30 oz. (8.41g)	1.06 cu. ft. (0.030m ³)	120
30" (76cm) Rainbow Poop	25" x 24"	64cm x 60cm	1.00 oz. (28.3g)	1.8 cu. ft. (0.048 m ³)	75
42" (106cm) Rainbow Striped Sunglasses	35" x 23"	89cm x 58cm	0.52 oz. (14.62g)	1.5 cu. ft. (0.042m ³)	85
45" (114cm) Rainbow Swirl Ice Cream	18" x 39"	46cm x 99cm	0.37 oz. (10.35g)	1.1 cu. ft. (0.031m ³)	116
33" (84cm) Red Rose Bud	26" x 26"	66cm x 66cm	0.97 oz. (27.43g)	1.79 cu. ft. (0.051m ³)	70
36" (91cm) Red Vintage Airplane	32" x 24"	81cm x 61cm	0.24 oz. (6.75g)	0.95 cu. ft. (0.027m ³)	134
39" (99cm) Sloth	26" x 31"	66cm x 79cm	0.99 oz. (28.12g)	1.97 cu. ft. (0.056m ³)	64
28" (71cm) Smiley Face	23" x 23"	58cm x 58cm	1.10 oz. (31.29g)	2.04 cu. ft. (0.058m ³)	62
36" (91cm) Smilin' Shark	30" x 31"	76cm x 79cm	0.48 oz. (13.5g)	1.27 cu. ft. (0.036m ³)	100
40" (101cm) Starpoint	38" x 38"	97cm x 106cm	0.48 oz. (13.6g)	1.22 cu. ft. (0.035m ³)	102
35" (89cm) Sunshine Smile Face	27" x 26"	69cm x 66cm	1.07 oz. (30.3g)	1.54 cu. ft. (0.044m ³)	81
38" (96cm) Taper	12" x 36"	30cm x 106cm	0.25 oz. (6.98g)	0.83 cu. ft. (0.024m ³)	150
36" (91cm) Tatty Teddy	24" x 31"	61cm x 79cm	1.02 oz. (28.9g)	2.04 cu. ft. (0.058m ³)	62
35" (89cm) Teddy Bear	28" x 28"	71cm x 71cm	0.98 oz. (27.65g)	1.54 cu. ft. (0.044m ³)	81
35" (89cm) Thumbs Up	26" x 29"	66cm x 72cm	0.63 oz. (17.89g)	1.62 cu. ft. (0.046m ³)	78
21" (53cm) Tropical Philadendron	15" x 18"	38cm x 45cm	0.29 oz. (8.23g)	0.7 cu. ft. (0.020m ³)	180
42" (106cm) Tyrannosaurus	31" x 35"	79cm x 89cm	0.26 oz. (7.29g)	1.15 cu. ft. (0.033m ³)	109
44" (111cm) Luminous Butterfly	35" x 19"	89cm x 48cm	0.24 oz. (6.75g)	1.16 cu. ft. (0.033m ³)	109
39" (99cm) Welcome Baby Bottle	33" x 18"	84cm x 46cm	0.81 oz. (23.06g)	2.45 cu. ft. (0.069m ³)	52
31" (79cm) You're Stinkin' Cute	24" x 24"	61cm x 61cm	0.91 oz. (25.87g)	1.74 cu. ft. (0.049m ³)	73
35" (89cm) You're Sweet Cupcake	20" x 29"	51cm x 74cm	0.76 oz. (21.45g)	1.18 cu. ft. (0.033m ³)	109
32" (81cm) Zebra/Horse Head	18" x 26"	46cm x 66cm	0.66 oz. (18.83g)	1.52 cu. ft. (0.043m ³)	83
37" (94cm) #1 Finger	21" x 32"	53cm x 81cm	1.24 oz. (35.19g)	2.2 cu. ft. (0.061m ³)	59

