

Candle Wax & Fragrance Chart

How much wax and fragrance oil to weigh out for common candle jar sizes.

Assumes the jar is filled to 90% of its brim capacity, a wax-to-water factor of 0.86, and fragrance load as a percentage of wax weight. Total pour = wax + fragrance oil.

JAR CAPACITY	TOTAL POUR	6% FRAGRANCE LOAD		8% FRAGRANCE LOAD		10% FRAGRANCE LOAD	
		WAX	OIL	WAX	OIL	WAX	OIL
2 fl oz 59 ml	1.61 oz 46 g	1.52 oz 43 g	0.09 oz 3 g	1.50 oz 42 g	0.12 oz 3 g	1.47 oz 42 g	0.15 oz 4 g
4 fl oz 118 ml	3.23 oz 92 g	3.05 oz 86 g	0.18 oz 5 g	2.99 oz 85 g	0.24 oz 7 g	2.94 oz 83 g	0.29 oz 8 g
6 fl oz 177 ml	4.84 oz 137 g	4.57 oz 130 g	0.27 oz 8 g	4.49 oz 127 g	0.36 oz 10 g	4.40 oz 125 g	0.44 oz 12 g
8 fl oz 237 ml	6.46 oz 183 g	6.09 oz 173 g	0.37 oz 10 g	5.98 oz 170 g	0.48 oz 14 g	5.87 oz 166 g	0.59 oz 17 g
9 fl oz 266 ml	7.27 oz 206 g	6.86 oz 194 g	0.41 oz 12 g	6.73 oz 191 g	0.54 oz 15 g	6.61 oz 187 g	0.66 oz 19 g
10 fl oz 296 ml	8.07 oz 229 g	7.62 oz 216 g	0.46 oz 13 g	7.48 oz 212 g	0.60 oz 17 g	7.34 oz 208 g	0.73 oz 21 g
12 fl oz 355 ml	9.69 oz 275 g	9.14 oz 259 g	0.55 oz 16 g	8.97 oz 254 g	0.72 oz 20 g	8.81 oz 250 g	0.88 oz 25 g
14 fl oz 414 ml	11.30 oz 320 g	10.66 oz 302 g	0.64 oz 18 g	10.47 oz 297 g	0.84 oz 24 g	10.28 oz 291 g	1.03 oz 29 g
16 fl oz 473 ml	12.92 oz 366 g	12.19 oz 346 g	0.73 oz 21 g	11.96 oz 339 g	0.96 oz 27 g	11.74 oz 333 g	1.17 oz 33 g

How to use this chart

- Jar labels are rough. For an exact figure, weigh the water your jar holds to the fill line and multiply by 0.86.
- Weigh the wax and the fragrance oil on a scale. Don't measure oil by volume.
- Stay within your wax's maximum fragrance load and the limit on each oil's IFRA certificate.
- Add a few percent extra wax for what sticks to the pouring pitcher, and burn-test every new candle.

Typical maximum fragrance load

Soy (container)	10–12%
Coconut and coconut-soy blends	10–12%
Paraffin and paraffin blends	about 6–10%
Beeswax	about 6% or less

Your wax's technical data sheet has the exact figure.