



BRAIDED CANDLE WICK

Zinc Core Wick

Atkins & Pearce's Zinc Core Wick series is a unique construction that provides maximum rigidity in a wide variety of candle systems. The Zinc Core's jacket design is 100% all natural and maintains unmatched rigidity in the molten wax pool. This series is offered in spools of raw braided Zinc Core wick and in pre-waxed, cut, and tabbed assemblies.



Wick Suggestions for Zinc Core Wick

	Extra Small	Small	Medium	Large	Extra Large
Containers	less than 1"	1" – 2"	2" – 3"	3" – 4"	4" and greater
Votives	n/a	1" – 1-1/2"	1-1/2" – 2-1/2"	n/a	n/a
Pillars	less than 1"	1" – 2"	2" – 3"	3" – 4"	4" and greater
Tapers	3/16" – 1/2"	1/2" – 3/4"	3/4" – 7/8"	n/a	n/a

	Wax Pool Diameter (cm in)	Containers	Pillars	Votives	Tapers
28-24 Z	3.92 1.54	Small	Small	Small	Not Suggested
32-24 Z	3.65 1.44	Small	Small	Small	Not Suggested
34-24 Z	3.71 1.46	Small	Small	Small	Not Suggested
34-40 Z	4.16 1.64	Medium	Medium	Medium	Not Suggested
36-28 SP Z	4.07 1.60	Medium	Medium	Medium	Not Suggested
34-40 SP Z	3.72 1.46	Medium	Medium	Medium	Not Suggested
36-24-24 Z	3.92 1.54	Medium	Medium	Medium	Not Suggested
44-20-18 Z	5.06 1.99	Medium	Medium	Medium	Not Suggested
44-24-18 Z	4.76 1.87	Medium	Medium	Medium	Not Suggested
44-28-18 Z	4.76 1.87	Large	Medium	Medium	Not Suggested
44-32-18 Z	4.76 1.87	Large	Large	Not Suggested	Not Suggested
44-36-18 Z	4.82 1.90	Large	Large	Not Suggested	Not Suggested
51-32-18 Z	5.43 2.14	Large	Large	Not Suggested	Not Suggested
51-36-18 Z	5.61 2.21	Large	Large	Not Suggested	Not Suggested
60-44-18 Z	6.06 2.39	Large	Large	Not Suggested	Not Suggested
62-52-18 Z	5.17 2.04	Large	Large	Not Suggested	Not Suggested

Atkins&Pearce

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Rate Chart for Zinc Core Wick

	Flame Height (cm in)	Rate of Consumption (g/hr oz/hr)	Wax Pool Diameter (cm in)	Yield (yds. / lb.)	Total # of Ends
28-24 Z	1.22 0.48	2.39 0.08	3.92 1.54	552	15
32-24 Z	1.68 0.66	2.78 0.10	3.65 1.44	549	15
34-24 Z	1.70 0.67	2.82 0.10	3.71 1.46	557	15
34-40 Z	2.01 0.79	3.05 0.11	4.16 1.64	545	33
36-28 SP Z	2.01 0.79	3.07 0.11	4.07 1.60	504	29
34-40 SP Z	2.46 0.97	3.54 0.12	3.72 1.46	396	41
36-24-24 Z	2.49 0.98	3.66 0.13	3.92 1.54	410	15
44-20-18 Z	3.00 1.18	4.60 0.16	5.06 1.99	396	21
44-24-18 Z	3.23 1.27	4.84 0.17	4.76 1.87	336	25
44-28-18 Z	4.29 1.69	5.23 0.18	4.76 1.87	310	29
44-32-18 Z	3.94 1.55	5.78 0.20	4.76 1.87	270	33
44-36-18 Z	3.91 1.54	5.81 0.20	4.82 1.90	243	37
51-32-18 Z	3.81 1.50	5.95 0.21	5.43 2.14	284	33
51-36-18 Z	3.86 1.52	6.15 0.22	5.61 2.21	264	37
60-44-18 Z	3.76 1.48	6.79 0.24	6.06 2.39	201	45
62-52-18 Z	4.47 1.76	6.83 0.24	5.17 2.04	195	53



Our manufacturing facility and office is centrally located in northern Kentucky.

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LAST REVISED: September 2026 | The rate chart is provided by Atkins & Pearce merely as an additional tool to assist the customer in making an appropriate wick selection. This is only provided to serve as suggestions of wicks that may be appropriate based upon certain criteria and should not be relied upon as determinative or as a substitute for customer testing. Many variables exist in candle wax types, additives, and formulations for individual candle systems. Final wick selection should always be confirmed through the customer's own testing process to determine if a particular wick is the correct choice for a particular candle system. Atkins & Pearce is not responsible for selections made by the customer using any of the reference material provided. For optimal burn performance in specific candle systems, we strongly recommend that customers conduct exhaustive burn tests in their own burn lab and consider retaining samples for their future internal reference. The importance of candle testing and data validation cannot be overstated. As the customer, you and your company are responsible for appropriately testing all Atkins & Pearce wicks in your candle formulations and for making the final wick selection based upon meeting appropriate candle safety and burn standards. Atkins & Pearce makes no representation or warranty, expressed or implied, at law or in equity, in respect of the information provided, including, without limitation, with respect to merchantability or fitness for any particular purpose, which representations or warranties are hereby expressly disclaimed.