

CD Wicking Suggestion Chart

The sizes suggested here are the results of more than 6 years of testing. Testing was performed in a 141 MP paraffin/beeswax/palm stearic/vybar 103 blend. Since beeswax usually needs a bigger wick your results may vary. Also, due to differences in materials, pouring temperatures and pouring styles all wicks should be tested in your own wax blend. This chart is to be used as a guide and Candle Cocoon®, llc does not take responsibility for your results.

Fragrance Name	Paraffin Votive Wick Size	Soy Votive Wick Size
Amore Dolce™	CD5	CD12
Banana Nut Bread	CD5	CD12
Blatantly Blueberry	Re-Testing	
Brandied Pear™	CD4	CD10
Brewed Jasmine™	CD4	CD10
Bunchberry and Moss™	CD5	CD12
Candy Corn	CD4	CD10
Cappuccino Hazelnut	CD5	CD12
Cherished™	Est CD5	CD12
Chocolate Suede™	CD5	CD12
Coco Lima™	CD4	CD10
Coconut Macaroon	Testing	
Cranberry Compote	Testing	
Cranberry, Cardamom & Clove™	Testing	
Creme Brule Cafe™	Testing	
Crushed Strawberry & Rhubarb™	CD4	CD10
Cucumber Melon	CD5	CD12
Daphy Nut Bread	Testing	
Daydream Believer™	CD5	CD12
Dewdrop™	CD4	CD10
Eucalyptus and Ivy	CD4	CD10
Fairy Dust & Twinkle Toes™	CD4	CD10
Fallen Leaf™	CD4	CD10
Frankincense and Myrrh	CD8	CD16
Geisha™	CD5	CD12
Ginger Chiffon	CD5	CD12
Ginger Peach	CD5	CD12
Herbal Rosemary™	CD5	CD12
Ice Crystals™	CD4	CD10
Lavender Lullaby™	CD5	CD12
Lemon Blossom	CD4	CD10
Lime Cilantro	CD4	CD10
Lovely Lilac™	CD10	CD18

Fragrance Name	Paraffin Votive Wick Size	Soy Votive Wick Size
Malayan Mango™	CD4	CD10
Masala Chai™	CD5	CD12
Maui Mt. Pineapple™	CD4	CD10
Melon, Fig and Apricot™	CD4	CD10
Mulberry and Moonbeams™	CD5	CD12
Neroli de la Luna™	CD5	CD12
Ooey Goopy Caramel Goodness™	CD5	CD12
Orange Tea and Crumpets™	CD5	CD12
Patchouli Dreams™	CD12	CD20
Peony White Tea™	CD4	CD10
Pepper and Port™	CD5	CD12
Pillow Fight™	CD4	CD10
Pumpkin Coffee™	CD5	CD12
Rare Earth™	CD8	CD16
Raspberry Cordial™	CD4	CD10
Red Banana™	CD5	CD12
Rose Petals & Cream™	CD5	CD12
Sage and Chamomile™	CD5	CD12
Seashells™	CD10	CD18
Serendipity™	CD5	CD12
Solace™	CD4	CD10
Spiced Apple Pie™	CD5	CD12
Sultry Angel™	CD5	CD12
Sun Warmed Sandalwood™	CD6	CD14
Sunflower & Sea Mist™	CD5	CD12
Sweetgrass™	CD5	CD12
Tiger Lily and Cantaloupe™	CD5	CD12
Transcendence™	CD6	CD14
Vanilla Voodoo™	CD5	CD10
White Chocolate Raspberry Truffle	Testing	
Winter Woodlands Whisper™	CD4	CD10

CD WICK GENERAL RULE OF THUMB

CD wicks seem to need an increase in size of one for every 1/4" increase in the diameter of the candle. We count sizes as CD3, CD4, CD5, CD6, CD8, CD10, CD12, CD14, CD16, CD18, CD20, CD22. So going from a CD20 to a CD22 would be as one size increase. For example, if you are using a CD4 in an Autumn Apple™ 2" diameter votive then you will probably need CD10 in a 3" candle. This is 4 size changes (1"= 4 x (1/4")).

EL SOY WAX RULE OF THUMB

In *general*, 4 sizes of increase are used for EL Soy Waxes. If the original paraffin size was a CD4 then the EL size will most likely be a CD10. If the Paraffin size was a CD5 then start with CD12. For example, Brandied Pear™ votive takes a CD4 in paraffin so it would probably take a CD10 in the EL soy. Remember, these are starting points. It is often good to "bracket" the starting point – if the recommendation is for CD10, then test with CD8, CD10 & CD12. If you consistently find that the smaller or larger size works best for you, then shift your starting point to take that into account.

CDN WICKS

CDN will burn up to an inch greater in diameter in EL soy waxes than the comparable CD wick, so CDN12 could give an equivalent burn to CD20, CDN14 to CD22, etc. However, we have not done complete testing with the CDN wicks. If you are having trouble getting complete burns with the CD wicks and are at the top of their range, let us know and we will help you choose CDN wicks to test.

DYES

Dyes can also affect wick size, sometimes with different wicks needed for different colors even though the wax, FO and container stay the same. Different types/brands of dyes won't act the same. Candle Cocoon's Flutter Dyes™ have been formulated to leave no residue and not clog wicks, but they may still affect the wick size relative to a candle with no dye.

TEST, TEST, TEST!

These recommendations may not be exactly right for your own wax blend, various commercial paraffin blends or other brands of soy wax, or for completely different types, such as rapeseed and palm. By doing your own testing and keeping good records, you will know just how the wax, wick, fragrance and dye burn together. You will be able to answer your customers' questions with confidence, and sell your candles with pride.

For more information on wick testing, please request the document "**Test Burning for Proper Wick Size**" by Lyschel Bersch.

Good luck and happy testing!

Wicking Chart Provided By Candle Cocoon, llc

<http://www.candlecocoon.com>

To request other documents or for other questions, please contact us at customer@candlecocoon.com