

COTTON WICK BURN RATE CHART

Our wick size description is very "user friendly". The description represents the two hour pool diameter in a 60°C melt point with most soy blend wax. This method allows the user to easily compare wick size and performance. This chart provides the candle maker a starting point for wick selection. Your wick selection will depend on wax blend, colour and fragrance additives.

 WICK SIZE	 FLAME HEIGHT	 RATE OF CONSUMPTION	 POOL DIAMETER	 WICK YIELD	 VESSEL DIAMETER*
LCS35	29mm	4.3g / hour	38mm	1660m / kg	35mm - 40mm
LCS40	29mm	4.3g / hour	43mm	1038m / kg	40mm - 45mm
LCS45	30mm	4.4g / hour	48mm	1115m / kg	45mm - 50mm
LCS50	30mm	5.2g / hour	53mm	925m / kg	50mm - 55mm
LCS55	31mm	6.1g / hour	58mm	875m / kg	55mm - 60mm
LCS60	31mm	6.9g / hour	63mm	733m / kg	60mm - 65mm
LCS65	31mm	7.1g / hour	68mm	645m / kg	65mm - 70mm
LCS70	31mm	7.5g / hour	73mm	576m / kg	70mm - 75mm
LCS75	32mm	8.5g / hour	78mm	494m / kg	75mm - 80mm
LCS80	32mm	8.3g / hour	83mm	456m / kg	80mm - 85mm
LCS85	32mm	8.3g / hour	88mm	454m / kg	85mm - 90mm
LCS90	33mm	9.5g / hour	95mm	605m / kg	90mm - 100mm
LCS100	33mm	10g / hour	105mm	575m / kg	100mm - 110mm
LCSTURBO	33mm	10.5g / hour	115mm	585m / kg	100mm - 120mm

*Please note, vessel diameters are applicable for glass vessels only and noted above are suggestions only. We recommend users conduct their own wick tests with every different blend of wax and oil that they intend to use.