

How To Make Beeswax Candles

Introduction

There is something deeply satisfying about creating light with your own hands. Whether you are looking to reduce household chemicals, embrace a more sustainable lifestyle, or simply enjoy a calming new hobby, learning **how to make beeswax candles** is a rewarding skill that connects you with an ancient craft. Unlike paraffin candles, which are derived from petroleum, beeswax candles burn cleanly, emit a natural honey scent, and even release negative ions that can help purify the air around you. In this comprehensive guide, we will walk you through every step of the process—from selecting the right wax to troubleshooting common issues—so you can create beautiful, long-lasting candles with confidence.

Why Choose Beeswax?

Before diving into the practical steps of **how to make beeswax candles**, it is worth understanding what makes this material so special. Beeswax is a natural substance produced by honeybees. It has a naturally high melting point, which means beeswax candles burn more slowly and driplessly than many other types. They also produce a warm, golden flame that many people find more soothing than the stark light of electric bulbs. Additionally, beeswax candles are hypoallergenic and non-toxic, making them an excellent choice for households with allergies, asthma, or young children. The subtle aroma of honey and flowers that they release while burning adds a layer of natural aromatherapy that synthetic fragrances simply cannot replicate.

Materials and Tools You Will Need

To get started with **how to make beeswax candles**, you will need a few basic supplies. Most of these items are easy to find at craft stores or online, and many can be reused for multiple candle-making sessions.

- **Beeswax** – You can buy beeswax in blocks, pellets, or sheets. Pellets are easiest to measure and melt, while sheets are ideal for rolled candles. Always choose 100% pure beeswax for the best burn quality.
- **Candle wicks** – Use cotton or hemp wicks that are pre-tabbed. The wick size should match the diameter of your candle. A wick that is too small will drown in the wax, while one that is too large will create excess smoke.
- **A double boiler or wax melter** – A dedicated double boiler is ideal, but you can also use a heatproof glass bowl set over a saucepan of simmering water. Never melt beeswax directly on a stovetop burner, as it can overheat and become a fire hazard.
- **A thermometer** – A candy or candle-making thermometer helps you monitor the wax temperature. Beeswax should be heated to around 145-150°F (63-65°C) for pouring.
- **Candle molds or containers** – Glass jars, metal tins, silicone molds, or even empty tea tins work well. Make sure they are clean and dry before use.
- **Wick holders or pencils** – You will need something to hold the wick centered while the wax cools. Wick-centering tools are available, but a simple pencil or chopstick laid across the top of the container works perfectly.
- **Optional additives** – While pure beeswax is wonderful on its own, some candle makers add a small amount of coconut oil or cocoa butter to soften the wax and improve fragrance throw if they plan to add essential oils.

Preparing Your Workspace

When learning **how to make beeswax candles**, preparation is just as important as the technique itself. Cover your work surface with newspaper or a silicone mat to catch any drips. Beeswax can be difficult to remove from fabric and countertops once it hardens, so take precautions. Keep a roll of paper towels and a bowl of warm, soapy water nearby for quick cleanups. Open a window or turn on a ventilation fan, especially if you are melting a large quantity of wax. While beeswax has a pleasant natural smell, melting it can release a strong honey aroma that some people find overwhelming in enclosed spaces.

Step-by-Step Methods for Making Beeswax Candles

There are several approaches to **how to make beeswax candles**, and the best method for you depends on the type of candle you want to create. Below are three popular techniques: rolled candles, poured container candles, and dipped taper candles.

Method One: Rolled Beeswax Candles

Rolled candles are the simplest way to begin, requiring no melting or special equipment. They are an excellent project for beginners or for crafting with children.

1. **Prepare your beeswax sheet.** Place a sheet of beeswax on a flat, clean surface. If it is cold, warm it slightly with a hairdryer on low heat to make it more pliable. Do not overheat, as it can become too soft to handle.
2. **Cut the wick.** Lay a pre-tabbed wick along one edge of the sheet, leaving about half an inch of wick extending beyond the top. The tab should be flush with the bottom edge of the sheet.
3. **Begin rolling.** Fold the edge of the beeswax sheet firmly over the wick, pressing down to create a tight seal. Then continue rolling the sheet evenly, keeping the bottom edge aligned. Roll slowly and apply gentle, even pressure to avoid creating air pockets.
4. **Finish the edge.** When you reach the end of the sheet, press the edge down to seal it. If the wax does not stick, use a warm finger or a gentle blast from a hairdryer to soften it slightly.
5. **Trim the wick.** Trim the wick to about half an inch above the top of the candle. Your rolled candle is now ready to burn.

Rolled beeswax candles are beautiful on their own or can be bundled together with twine for a rustic gift. Because they are made from pure beeswax sheets, they burn with a bright, clean flame and require no containers.

Method Two: Poured Container Candles

Poured candles offer more versatility in terms of shape and size. They also allow you to add essential oils if you wish. This method is slightly more involved but yields professional-looking results.

1. **Prepare your container.** Clean your jar or tin thoroughly and ensure it is completely dry. If you are using a glass jar, you can warm it slightly in a low oven (about 100°F) to prevent the wax from cooling too quickly and cracking.
2. **Secure the wick.** Place a wick with a metal tab at the bottom of the container. You can use a drop of hot wax or a double-sided adhesive dot to hold the tab in place. Center the wick as best you can, then lay a pencil or wick holder across the top of the container to keep it upright.
3. **Melt the beeswax.** using a double boiler, melt your beeswax pellets or blocks. Stir occasionally with a wooden spoon. Monitor the temperature with your thermometer and do not exceed 170°F (77°C), as the wax can darken or even ignite at higher temperatures.
4. **Add fragrance (optional).** If you would like to scent your candles, remove the wax from the heat and let it cool to about 140°F (60°C). Add essential oils at a rate of roughly one ounce per pound of wax. Stir gently but thoroughly. Beeswax has a strong natural scent, so choose complementary oils such as lavender, orange, or cedarwood.
5. **Pour the wax.** Slowly pour the melted wax into your prepared container, leaving about half an inch of space at the top. Pour steadily to avoid splashing and to minimize air bubbles. Tap the container gently on the counter to release any trapped air.
6. **Allow to cool.** Let the candle cool undisturbed for several hours or overnight. Beeswax shrinks as it cools, which can create a small depression around the wick. You can save a little melted wax to do a second pour to level the surface if needed.
7. **Trim the wick.** Once the wax is completely solid, trim the wick to about a quarter inch above the wax surface. Your beeswax container candle is now ready to use.

Method Three: Dipped Taper Candles

Dipped candles are the most traditional method of **how to make beeswax candles** and require patience, but the results are stunning. This technique produces classic tapered candles that are elegant and long-burning.

1. **Prepare your dipping container.** Use a tall, narrow container such as a tall can or a dedicated dipping tube. Fill it with melted beeswax, maintaining a temperature of about 150°F (65°C). You will need a deep enough container to fully submerge the length of your desired candle.
2. **Prepare the wick.** Cut a length of wick about twice as long as your desired candle height. You will be dipping it in half, so you will end up with two candles from one wick. Tie a weight (such as a small nut or washer) to the bottom of the wick to keep it straight.
3. **The first dip.** Hold the wick by the top (or use a dipping frame) and lower it into the melted wax. Hold it there for a few seconds, then lift it out slowly and steadily. Allow the wax to cool and harden for about 30 seconds. This first layer is the foundation.
4. **Repeat the dipping process.** Continue dipping and cooling, building up layers. Each dip adds a thin coat of wax. After every three to four dips, straighten the candle by gently rolling it on a flat surface while the wax is still slightly warm. This ensures your taper remains straight and even.
5. **Achieve the desired thickness.** The number of dips needed depends on your target thickness. For a standard taper candle, you will likely need 15 to 25 dips. The process can take an hour or more, but it is meditative and deeply rewarding.
6. **Finish the candles.** Once you are satisfied with the thickness, let the candles cool completely. Cut the wick in the middle to separate the two tapers. Trim the wicks to half an inch and your hand-dipped beeswax tapers are complete.

Tips for Success with Beeswax Candles

As with any craft, mastering **how to make beeswax candles** comes with practice. Here are some practical tips to help you avoid common pitfalls and create candles you will be proud of.

- **Temperature matters.** Beeswax is more sensitive to temperature than paraffin or soy wax. Overheating can cause discoloration and a brittle texture. Keep your thermometer handy and try to pour at 145-150°F for the best results.
- **Watch for shrinkage.** Beeswax contracts as it cools, which can cause sinkholes around the wick. This is normal. Save a small amount of melted wax to do a second pour after the candle has cooled.

for a few hours.

- **Wick selection is critical.** A wick that is too small will not generate enough heat to melt the wax pool to the edges, resulting in tunneling. A wick that is too large will produce a tall, sooty flame. For most container candles, a cotton wick with a width appropriate to your container diameter works well.
- **Clean your tools promptly.** Beeswax hardens quickly and can be difficult to remove once fully set. Wipe your double boiler, stirring tools, and pouring pitcher with a paper towel while the wax is still warm. Then wash with hot, soapy water.
- **Store your candles properly.** Keep finished beeswax candles away from direct sunlight and heat to prevent them from warping or fading. Stored in a cool, dark place