

Kashering the

Introduction

Dishes, utensils, kitchen appliances, countertops, and anything else used with food year-round, cannot be used for Pesach, unless it goes through a process known as “*kashering*” or “*hechsher keilim*”. For a few items, *kashering* just involves thoroughly cleaning the item, but for most items, *kashering* also requires submerging the item in boiling water or a similar hot process. The laws of *kashering* are quite complex, and this article will present the most practical points for the average consumer. Readers are encouraged to discuss any questions not covered in this article with their Rabbi.

The following items cannot be *kashered* for Pesach:

China, pottery, earthenware, cement, concrete, and enameled pots cannot be *kashered* for Pesach. The Ashkenazic custom is to not *kasher* **glass** or **crystal**, with the exception of glass stovetops discussed below. There is a difference of opinion as to whether plastic and other synthetic materials are included in this rule, and the cRc position is that these materials can be *kashered*.

Utensils and appliances which cannot be thoroughly cleaned, such as those having crevices in which *chametz* can accumulate, cannot be *kashered* for Pesach. Some examples of this are dishwashers, sieves, graters, utensils with loose-fitting handles, and bottles with narrow necks.

Materials which might get ruined during the *kashering* process cannot be *kashered* for Pesach, out of concern that the person would be afraid of breaking his utensil and will therefore not *kasher* properly. For example, a toaster cannot be *kashered* because it requires a method of *kashering* called *libun gamur*, which involves intense heat that might ruin the device.

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1. Rav Ovadia Yosef (*Chazon Ovadia* – Pesach 2003 edition page 151), following the *Shulchan Aruch (Orach Chaim 451:26)*, rules that **glass** and **crystal** do not need to be *kashered* for Pesach. Glass is a non-porous material, and thus merely requires to be washed and cleaned and may be used for *Pesach*. This includes **Pyrex** and **Duralex** as well. (*Chazon Ovadia, ibid.*)
2. However, an item that is not 100% glass, but contains even a small amount of material that is not able to be *kashered*, such as **ceramic**, may not be *kashered* (personal communication with Rav Ovadia Yosef). For example, a glass stovetop is likely not 100% glass and may contain additional materials. If even a small percentage of those additional materials are not *kasherable*, then the entire stovetop may not be *kashered*.
3. Rav Yosef (*Chazon Ovadia* – Pesach 2003 edition, page 151) opines that **plastic** may be *kashered* for Pesach.

We now turn to the parts of the kitchen which can be *kashered*.

Flatware

Silver, stainless steel, and plastic flatware can be *kashered*. The process begins with a thorough cleaning, after which the utensil should not be used for 24 hours. A pot of water is brought to a rolling boil, and the pieces of flatware are dropped into the water one at a time. If the water stops boiling at any point, one must wait until it returns to a boil before putting in any more flatware. The custom is to rinse the flatware with cold water after *kashering*.

Some have the custom to *kasher* in a dedicated “*kashering* pot” which is not used for anything else, but most *kasher* in any pot which is clean and has not been used for 24 hours.

Kitchen

Pots and Pans

Standard metal pots are *kashered* in the same manner as flatware. See our video at <http://kshr.us/LargePot> for a demonstration of how to *kasher* a pot which is too large to fit into any other pot of boiling water. **Enameled pots (e.g., Fiesta Ware, Le Creuset)** and **glass pots (e.g., Pyrex)** **cannot** be *kashered* with *hag'alah* due to the materials they are made of. The **Instant Pot** and its cover **cannot** be *kashered* because they have too many nooks and crannies which cannot be cleaned properly and into which the *kashering* water might not penetrate.

In general, **baking, roasting, and frying pans cannot** be *kashered* for Pesach, unless they are always used with generous amounts of oil or other grease when cooking. If that is the case, they can be *kashered* through *libun kal*, which involves cleaning the pans well, not using them for 24 hours, and then putting them upside-down on an open flame until both the inside and outside of the pan are hot enough to singe paper.

Drinking Glasses

The Ashkenazic custom is that drinking glasses made of **glass cannot** be *kashered* if they were ever used for hot beverages or

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Glass Pots (Pyrex)

Per point #1 on previous page, these items do not need to undergo *kashering*. Washing and cleaning them suffices (*Chazon Ovadia* – Pesach 2003 edition page 152).

Frying Pans

Following the *Shulchan Aruch (Orach Chaim 451:11)*, Rav Ovadia Yosef (*Chazon Ovadia* – Pesach 2003 edition page 138) rules that *hagala* suffices for frying pans. However, the difficulty in achieving the prerequisite level of cleanliness necessary for *hagala* may make this process impractical.

Glassware

Per point #1 on previous page, glassware does not require more than being washed and cleaned to be usable on Pesach.

washed with hot water, such as in a dishwasher. If they were never used for hot drinks or washed hot, completely fill the glasses with water, and leave the water in the glasses for at least 24 hours; repeat this procedure two additional times with fresh water. Drinking glasses made of **plastic** can be *kashered* in the same manner as flatware noted above but drinking glasses (or anything else) made of **ceramic** or **china** cannot be *kashered*.

Tablecloths

Fabric tablecloths may be used for Pesach after being laundered. **Vinyl tablecloths cannot** be *kashered* and should be replaced for Pesach.

Electric Mixers, Food Processors, and Blenders

The motor area of small electric appliances (e.g., mixers, food processors, blenders) is often exposed to *chametz* and is very difficult to clean; it is therefore recommended that one purchase separate appliances which should be reserved for Pesach use. A food processor or blender whose motor area is truly sealed, such that food does not penetrate, is not affected by this issue and can be used for Pesach after separate bowls and blades are purchased for Pesach use.

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Sinks

Rav Ovadia Yosef (*Chazon Ovadia* – Pesach 2003 edition page 151) ruled that **porcelain** sinks may be *kashered* in the same way that **stainless steel** or **Corian** sinks are *kashered*. He added that it is preferable to undergo this process three times for **porcelain** sinks.

Sinks

Stainless steel or **Corian** sinks can be *kashered* using the following method. Clean thoroughly, leave unused for 24 hours, boil a kettle of water, and carefully pour that water over all surfaces of the sink and faucet. Preferably, the sink should be rinsed with cold water after *kashering* is completed. The strainer covering the sink's drain, and the aerator on the faucet, should be replaced for Pesach. If a faucet has a coiled hose, the faucet can be used on Pesach **if** the coiled portion remains in the "base"

and is not pulled out. **Porcelain sinks cannot** be *kashered*.

Dishes and other Pesach utensils may not be placed in a sink which was not *kashered*; rather, an insert or basin which was never used for *chametz* must be placed in the sink, and all dishes should be put into that insert.

Stovetops and Ovens

Stovetops (ranges) and ovens can be *kashered* for Pesach use, and the process for doing so is as follows:

Stovetops

The most common type of stovetop is a metal grate over an open flame, which is situated on a porcelain enamel surface. Others have electric coils in the place of an open flame or have a *glass* (a.k.a. glass-ceramic) surface covering electric coils; the most popular brands for this last type of stovetop are **Corning** and **Ceran**.

The *kashering* of stovetops – including glass ones – is done as follows: All parts of the stovetop should be thoroughly cleaned, including scraping residual food from the surface and catch-tray, and not used for 24 hours. Then the fire or coil should be turned to its maximum temperature for at least 30 minutes. [For electric stovetops with exposed coils (i.e., not covered with glass), leave the coils on for just 15 minutes.] It is acceptable to *kasher* burners one at a time. An alternative for a glass stovetop is to not *kasher* it at all, and instead place all pots onto metal discs so that the pots have no contact with the stovetop.

Afterwards, cover the following areas with foil: (a) the knobs, catch trays, and all areas between the burners, and (b) areas behind the burners where pots might touch. If there is food residue on the underside of the stove's hood, it should be thoroughly cleaned before Pesach.

Non self-cleaning oven

All surfaces of the oven and racks must be thoroughly cleaned, the oven and racks should not be used for 24 hours, and then the oven should be turned on to 500-550°F for one hour. As an added precaution for Pesach, once this process is complete,

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Ovens

Rav Ovadia Yosef (*Chazon Ovadia* – Pesach 2003 edition page 132) does not require the additional stringencies of covering the racks etc. and preventing food from coming into contact with the oven walls.

some cover the racks and grates on both sides with aluminum foil (which should be perforated for air circulation), and do not allow food to touch the side, bottom or top of the oven on Pesach.

Self-cleaning oven

A complete high-temperature self-clean cycle should be run with the racks inside the oven, and then the oven may be used for Pesach without covering the racks. This *kashering* may be done even if the oven was not left unused for 24 hours. If the racks are not inside the oven while the self-clean cycle is run, the racks should be *kashered* separately.

NOTE: Low-temperature self-clean cycles (e.g., AquaLift, Steam Clean) do not qualify as *kashering*.

Warming drawer

Light one can of chafing-dish fuel (e.g., Sterno cans) in the warming drawer, being sure to use a can fueled with ethanol or methanol. (Wicked cans that use diethylene glycol as a fuel should not be used for *kashering*.) Make sure to leave the door of the warming drawer slightly ajar, so that there will be enough air to allow for combustion and allow the can to burn for two hours. As with all *kashering*, before you begin, the warming drawer must be thoroughly cleaned and not used for 24 hours.

Microwave oven

The microwave oven's **glass plate cannot be *kashered* (or used)** and should be removed before *kashering* begins. Some microwaves have a porcelain enamel interior; these microwaves **cannot** be *kashered*.

To *kasher* the microwave appliance, clean it thoroughly, and do not use it for 24 hours. Then a cup of water should be boiled in the chamber for an extended amount of time, until the chamber fills with steam. For Pesach, it is a commendable extra precaution to cover all foods in the microwave, even after performing the above *kashering*.

If a microwave has a metal grate, it should be *kashered* in a pot of hot water as described in the **Flatware** section above.

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Microwave oven

Regarding the glass plate, refer to Point #1 on the first page of this article that glass does not require anything more than being washed and cleaned to be usable on Pesach. This assumes, though, that the plate does not contain even a small amount of *un-kasherable* materials (see Point #2 on the first page of this article).



For **convection microwave ovens**, the same *kashering* process as a conventional oven should be followed, paying particular attention to cleaning out the chamber and fan assembly.

NOTE: Microwave ovens may be used on Chol HaMoed, but not on Shabbos and Yom Tov.

Refrigerators and Freezers

All parts of refrigerators and freezers, including storage bins, must be thoroughly cleaned and washed. The shelves should be lined with plastic or foil, which should be perforated with small holes to allow for air circulation.

Countertops

In any situation where the countertop cannot or will not be *kashered*, it may only be used on Pesach after being covered with a non-porous material which will not easily rip or tear.

The procedure for *kashering* a countertop is to clean it thoroughly, not use it for 24 hours, boil a kettle of water, and carefully pour that water over all surfaces from the kettle. Once the countertop is *kashered*, it may be used without being covered. However, many people have a custom to both *kasher* and cover their countertops. As noted at the beginning of this article, one may not *kasher* utensils made of certain materials (ceramic, cement, glass), or with materials which are not robust enough to withstanding *kashering*, and one may also not *kasher* any utensil that has cracks, nicks, or scratches where pieces of food might get stuck. These same restrictions apply to countertops. Practical examples of counters which can and cannot be *kashered* are detailed below and in the chart on the page following this article.

Plastic laminate (Formica) is manufactured by laminating a plastic material onto a thin piece of wood. In some cases, there are seams where two pieces of laminate meet, creating the potential for *chametz* to collect in that area during the year.

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Refrigerators

Rav Ovadia Yosef does not require the shelves to be covered, assuming the general usage does not involve placing boiling hot pots and pans directly on the racks. To his view, washing and cleaning the shelves is sufficient (*Chazon Ovadia* – Pesach 2003 edition page 148).

Special attention should be paid to cleaning those seams.

Many kitchens use natural stone such as **granite, marble, limestone, quartzite, soapstone, slate, and onyx** for countertops. These can be *kashered* for Pesach, regardless of which sealant is used.

Another material used for countertops is **quartz resin**, a man-made material made to look like granite or marble. Some common brands are **Cambria, Caesar Stone, Silestone, QStone, and Zodiaq**. These may be *kashered* for Pesach. Similarly, countertops made of **acrylic** or **polyester** look like stone. Some popular brands are **Avonite, Corian, Gibraltar, Hi-Macs, Meganite, Staron, Surrell, and Swanstone**. These materials can be *kashered* for Pesach **if** they do not contain any scratches or stains, in which case they must be covered.

Others create counters from **butcher block** or **wood**. In general, wood may be *kashered* only if it contains no cracks that might trap *chametz*. Due to the likelihood of such cracks developing, it was the practice to sand down wooden surfaces in butcher shops before Pesach. If sanding the countertops is practical in one's home or if the countertop contains no cracks, the countertop can be *kashered*; otherwise, the wooden countertop should be covered for Pesach.

There are also **glass, ceramic, cement, and porcelain** countertops available. These countertops **cannot** be *kashered* for Pesach and must be covered.

Stainless steel, copper, and zinc countertops are also available, and they can be *kashered* for Pesach.

Special thanks to Rick Glickman of "Dream Kitchens" in Highland Park, Illinois, for his assistance with our countertop research.

As with all *halachic* issues, if a question arises regarding *kashering* one's kitchen, contact your Rabbi.

A summary of the information about countertops is included in the chart on the following page.

Countertop

The following listing indicates whether different types of countertops can be *kashered* for Pesach.

Brand Name or Material	Can it be <i>kashered</i> ?	Comments
Acrylic	Yes	May be <i>kashered</i> if there are no scratches or stains; otherwise cover.
Avonite	Yes	May be <i>kashered</i> if there are no scratches or stains; otherwise cover.
Blue Louise	Yes	
Buddy Rhodes	No	Must be covered for Pesach
Butcher Block	Yes	May be <i>kashered</i> if there are no cracks; otherwise sand or cover.
Caesar Stone	Yes	
Cambria	Yes	
Cement	No	Must be covered for Pesach
Ceramic Tile	No	Must be covered for Pesach
Cheng Design	No	Must be covered for Pesach
Concrete	No	Must be covered for Pesach
Copper	Yes	
Corian	Yes	May be <i>kashered</i> if there are no scratches or stains; otherwise cover.
Cosmos	Yes	
Craftart	Yes	May be <i>kashered</i> if there are no cracks; otherwise sand or cover.
Curava	No	Must be covered for Pesach
Dekton	No	Must be covered for Pesach
Fireclay Tiles	No	Must be covered for Pesach
Formica	Yes	Carefully clean seams before <i>kashering</i> .
Gibraltar	Yes	May be <i>kashered</i> if there are no scratches or stains; otherwise cover.
Glass Tile	No	Must be covered for Pesach
Granite	Yes	
HanStone	Yes	
Hi-Macs	Yes	
John Boos	Yes	May be <i>kashered</i> if there are no cracks; otherwise sand or cover.
Laminam	No	Must be covered for Pesach
Laminate (plastic)	Yes	Carefully clean seams before <i>kashering</i> .
Limestone	Yes	



Ops

Brand Name or Material	Can it be <i>kashered</i> ?	Comments
Marble	Yes	
Marmoglass	No	Must be covered for Pesach
Meganite	Yes	
Monestone	Yes	May be <i>kashered</i> if there are no scratches or stains; otherwise cover.
Nanoglass	No	Must be covered for Pesach
Neolith	No	Must be covered for Pesach
Neoroc	Yes	
Nevamar	Yes	Carefully clean seams before <i>kashering</i> .
Pionite	Yes	Carefully clean seams before <i>kashering</i> .
Plastic Laminate	Yes	Carefully clean seams before <i>kashering</i> .
Porcelain	No	Must be covered for Pesach
Pyrolave	No	Must be covered for Pesach
QStone	Yes	
Quartz Resin	Yes	
Quartzite	Yes	
Silestone	Yes	
Silgranit	Yes	
Slate	Yes	
Soapstone	Yes	
Spekva	Yes	May be <i>kashered</i> if there are no cracks; otherwise sand or cover.
Stainless Steel	Yes	
Staron	Yes	May be <i>kashered</i> if there are no scratches or stains; otherwise cover.
Surrell	Yes	May be <i>kashered</i> if there are no scratches or stains; otherwise cover.
Swanstone	Yes	May be <i>kashered</i> if there are no scratches or stains; otherwise cover.
Wood	Yes	May be <i>kashered</i> if there are no scratches or stains; otherwise cover.
Zinc	Yes	
Zodiaq	Yes	



Which Items Can Be *Kasher*ed?

The following is a quick-guide to which item can and cannot be *kasher*ed for Pesach. Details such as how to *kasher* these items can be found in the article entitled, “*Kashering* the Kitchen” (pages 24-27), in “Your Questions... Answered” (pages 90-93), or at www.ASKcRc.org. This chart does not include information on countertops, which are listed separately on pages 28-29. For each item or material, the status is given as one of the following:

- ✓ May be *kasher*ed
- ✗ Cannot be *kasher*ed
- Material Depends on which material the item is made of
- Scratch Depends on whether there are scratches or cracks in the material
- Seal Depends on how well sealed the motor is
- Use Depends on how the item is used



Item	Status
Aluminum	✓
Baking Pan	Use
Blech, <i>kedairah</i>	✓
Blech, standard	Use
Blender	Seal
Bone China	✗
Cast Iron	Use
Cement	✗
Ceramic	✗
China	✗
Colander	✗
Convection Oven	✓
Cookie Sheet	✗
Corelle	✗
Corian	✓
Countertop	Material
Crock Pot	Material
Crystal	✗
Cup	Material
Dishwasher	✗
Duralex	✗
Earthenware	✗
Enameled Pots	✓
Fabric	✓
Faucet	✓
Flatware	✓
Food Processor	Seal
Formica	Scratch
Freezer	✓

Item	Status
Frying Pan	Use
Glass	✗
Glass Stovetop	✓
Gold	✓
Granite	✓
Grater	✗
High Chair (infant)	Scratch
Hot Plate, glass	✗
Hote Plate, metal	✓
Ice Maker	✓
Instant Pot	✗
<i>Kedairah Blech</i>	✓
<i>Kiddush</i> Cup	Material
Knife	✓
Kos	Material
Limestone	✓
Marble	✓
Meat Hammer	✓
Metal	✓
Microwave Oven	Material
Mixer (electric)	Seal
Mug	✗
Neoroc	✓
Onyx	✓
Oven	✓
Pan	Use
Pizza Stone	✗
Plastic	✓
Plate	Material

Item	Status
Porcelain	✗
Porcelain enamel	✗
Pots, enamel	✗
Pots, metal	✓
Pottery	✗
Pyrex	✗
Quartz Resin	✓
Quartzite	✓
Refrigerator	✓
Roasting Pan	Use
Rotisserie	✗
Rubber	Scratch
Sieve	✗
Silver	✓
Silverware	✓
Sink	Material
Slate	✓
Soapstone	✓
Stainless Steel	✓
Stone	✓
Stovetop	✓
Tablecloth	Material
Toaster	✗
Toaster Oven	✗
Urn	Use
Vinyl	✓
Warming Drawer	✓
Wood	Scratch