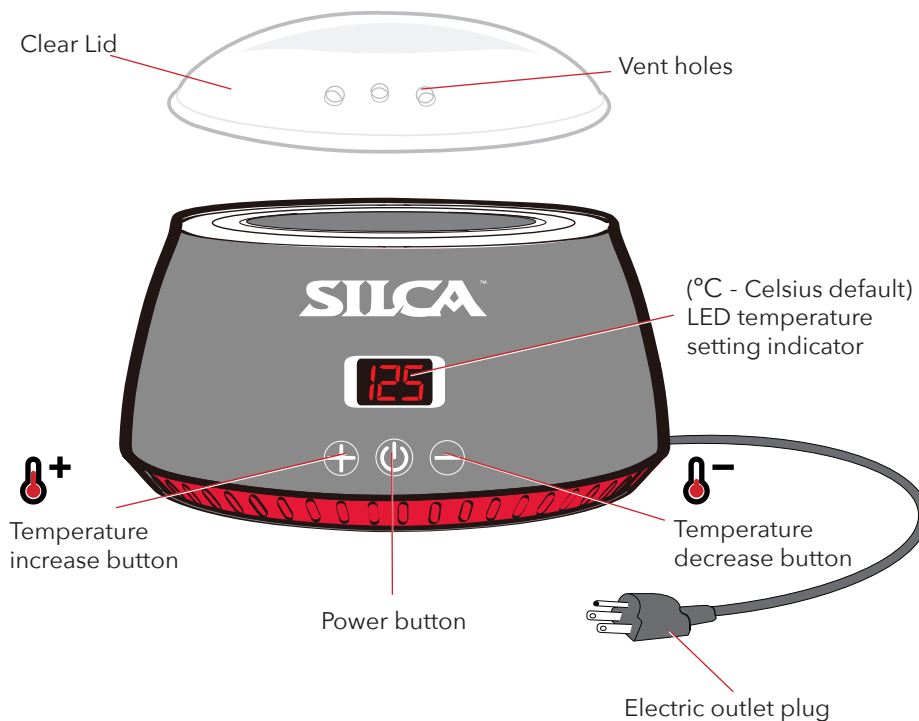




CHAIN WAXING SYSTEM

WAX MELTER - PARTS DIAGRAM



Wax Melter USER MANUAL

INSTRUCTIONS FOR USE



Watch SILCA
YouTube videos
for more Chain
Waxing info:

Dimensions:

200x161x134mm /
7.87x6.33x5.27in

Pot Capacity:

600mL /
20.28 us.fl.oz.

Temperature Range:

75-125°C /
167-257°F

Product Numbers:



AM-AC-057-ASY-0100

AM AC 057 CHAIN WAXING SYSTEM, NA
USA (MEX, CAN & JPN) - Plug Type B



AM-AC-057-ASY-0200

AM AC 057 CHAIN WAXING SYSTEM, EU
EU (So. Am., Asia) - Plug Type F



AM-AC-057-ASY-0300

AM AC 057 CHAIN WAXING SYSTEM, UK
UK (IRL, MLT, MAS, SIN) - Plug Type G



AM-AC-057-ASY-0400

AM AC 057 CHAIN WAXING SYSTEM, AUS
AUS (ARG, CHN, NZL) - Plug Type I

INTRODUCTION

Congratulations on the purchase of your SILCA Ultimate Chain Waxing System. Please familiarize yourself with all operating and safety instructions of the wax melter appliance BEFORE using.

INTENDED USE

This appliance has been designed exclusively for the waxing of bicycle chains. It is not intended for any other purposes.

IMPORTANT SAFETY INFORMATION

When using electrical appliances, especially when children are present, basic safety precautions should always be followed including: **READ ALL INSTRUCTIONS BEFORE USING!**



WARNING! RISK OF ELECTROCUTION!



NEVER use the Wax Melter appliance near a bath tub, shower or any other vessels filled with water!

DANGER - To reduce the risk of ELECTROCUTION:

1. Always unplug this appliance immediately after use.
2. Only connect this appliance to a properly grounded outlet.
3. Do not use this appliance while bathing or showering.
4. Do not place or store appliance where it may fall or be pulled into a tub or sink.
5. NEVER immerse the appliance in water or other liquids!
6. NEVER reach in to get an appliance that has fallen into water. Make sure you don't stand in water and unplug immediately with electrically insulated gloves.

CAUTION - To reduce the risk of fire, burns, electric shock or any other injury:

1. Only use this appliance on a level, heat-resistant surface.
2. Do not leave the appliance unattended while it is plugged in or operating.
3. Use this appliance only for its intended use. The use of any attachments not recommended by the manufacturer may create hazards.
4. Keep the appliance away from children. Supervise closely if children are nearby during use.
5. Do not operate this appliance if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged in any manner or dropped in water.
6. Unplug from power outlet when not in use. Allow cooling before handling, cleaning or storing the appliance.
7. Never operate this appliance if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged in any manner or dropped into water.
8. Do not drape the cord over a counter or tabletop where it could be accidentally pulled or tripped over.
9. The use of an extension cord is not recommended.

TECHNICAL DETAILS

Voltage	110 - 240 V - (AC), 50 - 60 Hz
Power Consumption	100 W
Capacity	600 ml / 20.28 oz

AM-AC-057-ASY-0100
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This product has been tested to comply with EMC Directive (2014/30/EU), LVD Directive (2014/35/EU), and FCC standards.

QUICK START GUIDE - OPERATE THE WAX MELTER

** During the first few minutes of initial use, you may notice a slight odor. This is not uncommon and should disappear.*

1. Place the Wax Melter within the base notches of the Chain Drip Stand.
2. Place wax pellets and any performance additive pieces (fill to **leave 20mm space** from top) in the pot.
3. Tap the power button (🔌) to turn on melter. Press & hold the power button to toggle between °C/°F numbers.
4. Touch the symbol (+) one time to increase temperature, touch the symbol (-) one time to decrease temperature.
A long, extended touch on the + or - symbol will speed up getting to the selected temperature.
5. The range of heating temperature is: **75-125°C / 167-257°F** . Default temperature is **75°C/125°F** when starting.
The wax melter will work to keep a constant temperature.
6. Use **75°C / 167°F for waxing**, and use **125°C / 257°F with StripChip** waxing degreaser additive.



HOW TO WAX YOUR FIRST CHAIN

with SILCA Super Secret Chain Blend Hot Melt Wax

PREP THE WORK SPACE

1. Unbox all component parts of the Chain Waxing System.
2. Assemble the Chain Hanger by using the screws to fasten the two pieces.
3. Place on a level surface with the Wax Melter rubber feet between the notches of the base of the Chain Hanger, as shown in illustration.
4. Plug in the Wax Melter into an electrical power outlet. Use the Power button (⏻) to turn **ON** the Wax Melter. Use the (+) or (-) buttons to regulate the temperature setting. Set temperature between **75°C /167°F** and **85°C /185°F** to melt wax.

Note: Wax Melter LED screen indicates **ONLY CELSIUS** temperature.
5. Open the bag of SILCA **Super Secret Chain Blend Hot Melt Wax** and pour the wax pellets in to fill up **until 20mm remain until the top** of the pot.
6. Warm the wax to a liquid state. **75°C /167°F** is the temperature to melt **Super Secret Chain Blend Hot Melt Wax**.



PREP A BRAND NEW CHAIN

Note: For optimal results, it's best to start with a brand-new chain.

7. **(METHOD #1) NO PREP to chain needed!** Use the magic of SILCA's **StripChip** to effortlessly degrease a new chain **while waxing** at the same time.
 - a. The wax melter will turn on to a temperature of 75°C, so you will need to increase that by pushing the (+) button so that it reads **125°C**, when using StripChip degreaser additive.
 - b. Break off **one (1)** of the 12 gram StripChip pieces and place on surface of the wax, as it is melting.
 - b. **Fully melt** the wax and StripChip, so that the additive piece is no longer visible.
 - c. Thread the cable coupler through 5 or 6 different links in the chain, spaced out to allow a good number of links between each. The segments not connected will hang down, but should be compact enough in arrangement to fit the chain into the pot, when lowered, as shown in illustration.
 - d. Gently lower the chain using the cable coupler into the wax and **lightly agitate it for 30 seconds** in the wax, being careful not to spill or splatter any of the wax.



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- d. Allow the chain to **sit submerged for 10 minutes** in the 125°C wax mixture.
- e. Lightly agitate the chain again for 30 seconds, and then **lower (-) the temperature back to 75°C** on the melter.
- f. Once the temperature reaches **75°C** (about 10 more minutes), it is safe to remove the chain from the wax, using the cable coupler, and **place on chain hanging stand** to dry.
- g. Allow 10 to 15 minutes of cooling / drying time before attempting to handle and install the chain on your bike.
- h. The chain will be stiff with the cooled, hardened wax. It is easier if you articulate each link, breaking them free prior to installing on the bike.
- i. Depending upon the conditions of your environment, you will need 10 to 20 minutes of pedaling to break in the new chain with the rest of the components of your drivetrain. There may be some flaking of wax from the exterior of the chain during this process. If not riding outside, place a towel under the bike to capture this bit of excess wax and facilitate clean up. Note: In cold environments it is quickest to break in a normal ambient room temperature chain (i.e. not a cold chain).



8. **(METHOD #2)** is just one extra step to clean/degrease a new factory chain with SILCA'S **Ultimate Chain Stripper + Wax Prep** prior to immersing in wax.

- a. Use a glass jar / old water bottle, with a tight fitting lid, to submerge the chain in a small amount (29 ml or 1 us.fl.oz) of the Ultimate Chain Stripper + Wax Prep fluid
- b. In your sealed container, agitate or shake then allow approximately 10 minutes of soak time for the Stripper to penetrate the gaps between the chain link parts. Agitate again after soaking.
- c. Pour out Stripper, **rinse and agitate with water**. Repeat with clean water rinse at least 2 times.
- d. Remove the chain from the container and dry with a microfiber towel (or hang to allow to air dry) prior to waxing.



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WAXING THE CHAIN (and NOT using STRIPCHIP)

9. Thread the cable coupler through 5 or 6 different links in the clean, degreased chain, spaced out to allow a good number of links between. The chain segments not connected to the coupler will hang down, but should be compact enough in arrangement to fit the chain into the pot, when lowered.
10. Carefully lower the chain into the molten wax so as to not cause a splash. Do not submerge the entire cable coupler – allow a portion to remain above the surface of the hot wax to allow easier chain retrieval.
11. Use the cable coupler portion, above the wax surface, to gently agitate the chain. Trapped air will bubble up, as the hot wax penetrates in between the rollers and pins of the chain. Continue gentle agitation until no more air bubbles appear, and as the chain warms up to match the temperature of the hot wax.
12. After lowering the pot temperature to **75°C**, slowly raise your hot chain up and out of the wax with cable coupler resting in the indent of the chain hanger.
13. Utilize the cable coupler to hang the chain while it cools from the drip stand over the melter pot. Suspending the chain prevents it from sticking where it lays to dry. Also, any excess wax that drips off will end up back in the pot.
14. You will need to allow approximately 10-15 minutes of cooling / drying time before you should attempt to install the chain on your bike.
15. The chain will be stiff with cooled, hardened wax. It is easier if you articulate each link, breaking them free prior to installing the chain on the bike.
16. Depending upon the conditions of your environment, you will need 10 to 20 minutes of pedaling to break in the new chain with the rest of the components of your drivetrain. There may be some flaking of wax from the exterior of the chain during this process. If not riding outside, place a towel under the bike to capture this bit of excess wax and facilitate clean up. Note: In cold environments it is quickest to break in a chain at normal ambient room temperatures. (i.e. not a cold chain).

WHICH WAX FORMULATION WILL YOU USE?



Secret Chain Blend Hot Melt Wax's success lies in its 4-ingredient formula combined with our proprietary WS2, topping ZeroFrictionCycling.com.au charts for 3 years.

To meet the unique needs of SILCA sponsored pro athletes and teams, we launched **EnduranceChip** and **SpeedChip** performance additives in 2024. Now, athletes can customize wax for their specific goals—whether it's 600km endurance, Tour de France stage winning speed, or optimal TT performance. This system empowers athletes to blend the ideal wax for any challenge.



EnduranceChip & SpeedChip

WAX ADDITIVE FORMULATIONS CHART

					
	Time Trials	TdF Stage, Triathlon	All-Purpose, RACE / TRAIN	Unbound Gravel	Ultra Endurance
	< 100 km	< 200 km	300 - 400 km	700 km	900 km
Maximum number of Chips per Bag of Hot Wax			+		
Formulation Ratios	   WAX: 250g Secret Chain Blend + 2 x SpeedChips	   WAX: 250g Secret Chain Blend + 1 x SpeedChip	  WAX: 250 grams Secret Chain Blend	   WAX: 250g Secret Chain Blend + 1 x EnduranceChip	   WAX: 250g Secret Chain Blend + 2 x EnduranceChips
Efficiency Gain/Loss	+0.6%	+0.4%	0.0%	-0.25%	-0.4%
Ride Time	Up to 8hrs	Up to 10hrs	Up to 15hrs	Up to 20hrs	Up to 30hrs

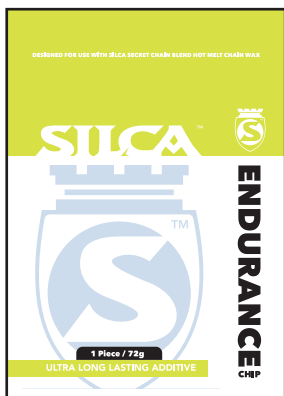
EnduranceChip instructions:

Purpose: The EnduranceChip additive enhances the wax's durability for extended rides and demanding conditions.

Preparation: Place an EnduranceChip (or more) to your melted wax, (leaving 20mm from wax surface to the top of the pot - you'll need that room so the chain does not overflow the pot).

Temperature Setting: Set the wax melter to **80-90°C** for optimal melting and integration.

Application: Submerge the chain as usual. The additive strengthens the wax for long-lasting, high-performance chain protection.



SpeedChip instructions:

Purpose: SpeedChip is ideal for racing or high-speed applications, providing an ultra-smooth finish for minimal friction.

Preparation: Add a SpeedChip to your melted wax, (leaving 20mm from wax surface to the top of the pot - you'll need that room so the chain does not overflow the pot).

Temperature Setting: Set the temperature to **85-95°C** for optimal melting.

Application: Wax your chain as usual, enjoying a performance-focused coating that reduces drag for peak efficiency.

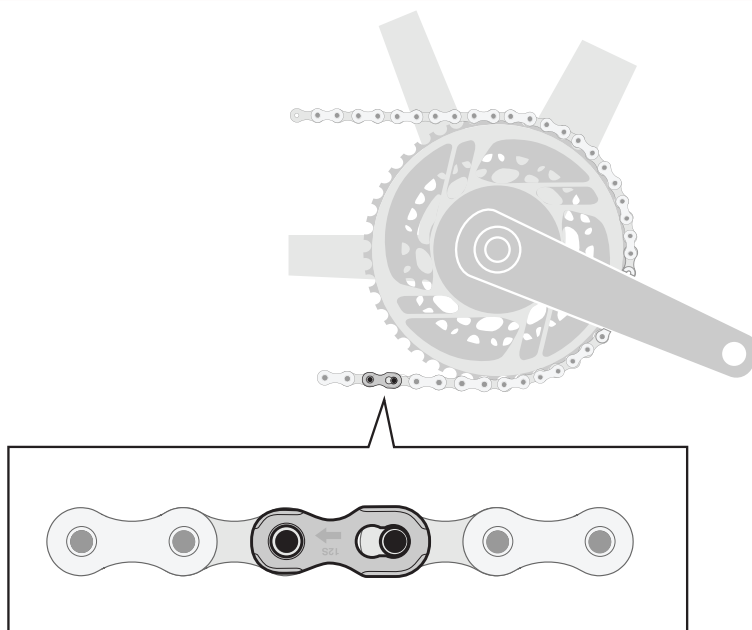


THE QUICK LINK

You do not need to immerse the quick link with the chain. Waxing it makes installation difficult and the mating surfaces of the chain are sufficiently coated.

If desired, an easy solution is to apply some SILCA Super Secret Wax Lube Chain Coating to the Quick Link after you have installed your newly waxed chain. After applying a few drops of the Super Secret Wax Lube on the rollers and pins, you will need to allow at least a few hours of drying time to wax the Quick Link in this way.

Please follow your chain manufacturer's instructions for Quick Link usage with your particular chain.



EASY CLEANUP

Note: You don't need to clean the interior pot after each use! The left-over wax can be remelted and used for application on the next chain. To clean the pot, please ensure that the melter is unplugged, but still warm. Use cotton or paper towels to wipe clean.



DISPOSAL

Please DO NOT dispose of the Wax Melter appliance in your normal domestic waste. This product is subject to the provisions of the WEEE Directive (2012/19/EU). Disposal can take place through an approved disposal center within your community. Please contact your local community or municipal authorities if you have any doubt about how to dispose of the worn-out product.

100% SATISFACTION GUARANTEED

SILCA is committed to every customer having a great experience – If you have any questions about your Ultimate Chain Waxing System, please feel free to contact us and we will be happy to help you.

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