

ELECTRONIC NICOTINE DELIVERY SYSTEMS (ENDS) AND VAPING: A RESOURCE CATALOG

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Vaping Devices, Paraphernalia, and Jargon¹

Numbers

20700: this is the type of <u>battery</u> used for some mechanical mods and advanced vape mods. Compared to other batteries, it has bigger power storage capacity and bigger amperage. Its name is derived from its size. It has a 20mm diameter, and it is 70mm long.



Source: https://www.ave40.com/ijoy-20700-battery.html

26650: these batteries are used for <u>sub-ohm</u> vaping. They are the largest sized vape batteries used in advanced e-cigs and Personal Vapes (PVs).



Source: https://www.ebay.com/i/183817229958?chn=ps&norover=1&mkevt=1&mkrid=711-117182-37290-0&mkcid=2&itemid=183817229958&targetid=539174369235&device=c&mktype=pla&googleloc=9027600&poi=&campaignid=6470648147&mkgroupid=74956728902&rlsatarget=pla-539174369235&abcld=1139336&merchantid=116339620&gclid=EAlalQobChMlzbuNnpnt5glVEr7ACh0HfQiHEAQYASABEgKkvvD

<u>BwE</u>

¹ Listing of terms adapted from: Mt. Baker Vapor. Vaping Jargon and Vaping Slang. https://www.mtbakervapor.com/vaping-jargon.html. Accessed January 9, 2020.

306: a disposable atomizer that has a low resistance and uses the same threading as a 510 atomizer. This atomizer has greater vapor production than the 510 atomizers, hence most vapers use it.



Source: https://www.theecig.com/306-Atomizers-4-0-Ohm-Bauway-Atomizers-IN-STOCK-p/306-atomizers-4.0-ohm.htm

401, 402, and 403: types of e-cigs that look alike but they use different battery sizes. The 401 is the longest and 403 is the shortest.



Source: http://cotangroup.en.made-in-china.com/product/iBzmPEljJxcq/China-Electronic-Cigarette-401.html

510: the 510 is the most common atomizer style. Its threading is the industry standard, and that is why most manufacturers use this style for atomizers, tanks, clearomizers, and cartomizers.



Source: https://www.centralvapors.com/510-atomizer/

16340: this is the smallest battery. It is used in advanced cigarettes.



Source: https://www.batteryjunction.com/powertac-16340-700mah-li-ion-battery.html?gclid=EAlalQobChMlnJeRkd_25glViobACh3KOAvgEAMYASAAEglkSPD_BwE

18350: these batteries are popular because they support stealth vaping. Because they are very small, advanced vapers prefer them.



 $Source: \ https://www.18650batterystore.com/18350-battery-p/vapcell-18350-battery-1100mah.htm?gclid=EAlalQobChMl8Oitz-D25glVEb7ACh0hAAhJEAQYASABEgJjCPD_BwE$

18500: compared to the 18350s, 18500s are larger in size and they have a slightly longer battery life. They are disliked because their large size requires larger battery cases, taking up a lot of space, which is not worth a small increase in mAh.



Source: https://www.homedepot.com/p/Hampton-Bay-Lithium-Phosphate-1000mAh-Solar-Rechargeable-18500-Batteries-2-Pack-79910/305600619?mtc=Shopping-B-F_D27L-G-D27L-27_7_LANDSCAPE_LIGHTING-Generic-NA-Feed-LIA-NA-NA-LANDSCAPE_LIGHTING_ExteriorLandscapeLighting&cm_mmc=Shopping-B-F_D27L-G-D27L-27_7_LANDSCAPE_LIGHTING-Generic-NA-Feed-LIA-NA-NA-LANDSCAPE_LIGHTING_ExteriorLandscapeLighting-71700000044197653-58700004613381033-92700048700306376&gclid=EAlalQobChMl4aD1ouH25glVE9RkCh3JLwbQEAQYAyABEgLR8PD_BwE&gclsrc=aw.ds

18650: this is the industry standard vaping battery and also, the most popular. They are less bulky, and they give off adequate power for vape devices.



Source: https://goinggear.com/products/olight-protected-3200mah-3-6-volt-18650-battery?variant=27157619572836

А

All Day Vape (ADV): refers to <u>e-liquid</u> that one can vape repeatedly — or all day — and not tire of using.



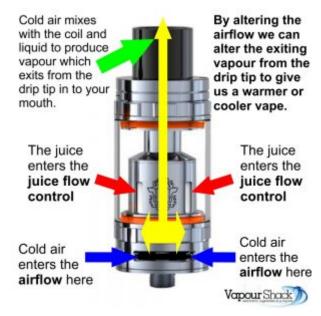
Source: https://breazy.com/products/rear-diff-boosted-e-juice

Advanced Personal Vaporizer (APV): these are modified e-cigs or mods that have a regulated variable voltage or variable wattage. These devices are considered a step up from e-cigarettes.



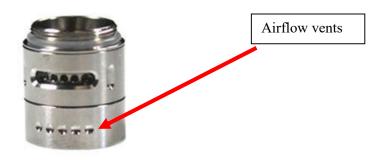
Source: https://www.vaporfi.com/blog/advanced-personal-vaporizer/

Airflow: the amount of air that goes into a tank or atomizer. More airflow equals more vapor, and less airflow equals more intense flavor, but less vapor.



Source: https://vapour-shack.com/the-theory-of-tank-air-flow-and-why-we-need-it/

Airflow control: a small screw, or dial, or screw on atomizers on tanks. It is used to adjust the drag of an e-cig. Turning the valve increases or decreases the airflow in through air vents.



 $Source: \underline{https://www.vaporauthority.com/products/genuine-kanger-airflow-control-valve-aerobase}$

Alien coil: a coil that looks like a Clapton coil but is modified by a wire wrapped around three core wires.



Source:

https://www.wish.com/product/5ba469570759202b18ec3f05?hide_login_modal=true&from_ad=goog_shopping&_display_country_code=US&_force_currency_code=USD&pid=googleadwords_int&c=%7BcampaignId%7D&ad_cid=5ba469570759202b18ec3f05&ad_cc=US&ad_curr=USD&ad_price=1.00&campaign_id=7203534630&gclid=EAlalQobChMlzonvh_j25glVEfDACh2tzA9TEAQYAyAB_EgJGp_D_BwE

Amperage (Amps): refers to the strength of an electrical current. Batteries with high amperes are compatible with sub-ohm devices because they can handle low resistance without overheating.

Analog: the regular tobacco cigarette, or burner



Source: https://newsnetwork.mayoclinic.org/discussion/mayo-clinic-q-and-a-toxic-chemicals-from-cigarettes-remain-toxic-in-secondhand-smoke/

Aqueous Glycerine (AG): Glycerol or Vegetable Glycerine (VG) which has been diluted with water to reduce the viscosity in e-liquids that are used for vaping. This is often used as an alternative to using propylene glycol for those people who have an intolerance or are allergic to propylene glycol.



Source: https://www.bulkapothecary.com/raw-ingredients/other-ingredients-and-chemicals/glycerin/?sku=J-002-chem-31&gclid=EAlalQobChMljPe55PL25glVEdvACh3DfgthEAQYAyABEgKRiPD_BwE

Ass juice: slang for e-juice that tastes bad or rancid.

Atomizer (**Atty**): Refers to the area of an e-cig that houses the coils and wicks. Every kind of vaping device contains an atomizer, which is the heat source that turns e-liquid into vapor.



Source: https://www.elementvape.com/oumier-wasp-nano-mtl-22mm-rta

Automatic: an automatic is an e-cig that lacks a firing button and instead powers up when you take a draw.



Source: https://vapage.com/ecigarettes

В

Battery: the heart of an e-cigarette. When the term "battery" is used, it is usually referring to vaping pens and/or cig-a-likes that don't have interchangeable batteries.

Blanks: clearomizers or atomizers that have no e-juice and are designed to be refilled with user's e-juice.

Bottom Coil Clearomizer (BCC). The coils of BCC atomizers sit at the bottom of the tank.



Source: https://www.bigdvapor.net/products/kanger-t3s-bottom-coil-clearomizer

Bottom Dual Coil (BDC): contains two coils (one inside the other) that sit at the bottom of the tank. Wick is contained within the atomizer head.



Source: https://www.gothicvapor.com/kanger-dual-coil-atomizers-0-8ohm/

Box mod: APVs that are shaped like boxes. Their batteries may or may not be removable. They can either be mechanical or have variable configurations. Box mods are capable of holding up to four 18650 batteries, and their power output ranges from 20 watts to 220 watts.



Source: https://www.elementvape.com/box-mods

B&M: short for Brick and Mortar. Refers to a physical store where you can buy vape devices, vape equipment and e-juice.





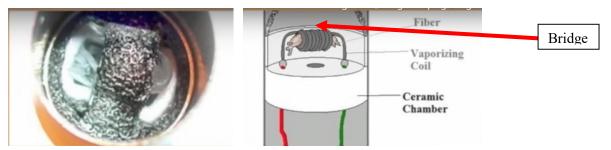
Source:

https://www.google.com/maps/uv?hl=en&pb=!1s0x8640c0ab1bbd15b9%3A0xd1e633002c54e63a!3m1!7e115!4shttps%3A%2F%2Flh5.googleusercontent.com%2Fp%2FAF1QipNn8pFZ97ObS4kNfpuehN1pV99LMdckjvzp8al%3Dw350-h160-k-no!5sherb%2Bn%2Blegend%2Bsmoke%2Bshop%20-

% 20 Google % 20 Search! 15 s CAQ & image key=!1e 10!2s AF1 Qip Nn8pFZ97 ObS4kNfpuehN1pV99LMdckjvzp8al & sa=X & ved=2ahUKEwicjP-N1qvmAhUDXK0KHeaaCtlQoiowCnoECA0QBg

Breathing: leaving e-liquid exposed to air so that alcohol content vaporizes and the liquid is mellowed.

Bridge: the part where e-liquid is held in disposable atomizers. Usually, it is coated with steel mesh. It is still vaping regular e-Juice, but instead of filling up a cart, carto, or clearo, you instead 'drip' a few drops of e-Liquid directly onto the coil or bridge of an atomizer. This is called *dripping*, which tends to produce denser vapor clouds with cleaner, bolder flavors, and is ideal if the vaper prefers to smoke a variety of flavors without having to switch out tanks.



Source: https://www.youtube.com/watch?v=sZ9zItMbCRs

Burner: traditional cigarette.



Source: https://newsnetwork.mayoclinic.org/discussion/mayo-clinic-q-and-a-toxic-chemicals-from-cigarettes-remain-toxic-in-secondhand-smoke/

Bottom Vertical Clearomizer (BVC): the coils at the bottom of the tank are arranged in a vertical configuration to improve airflow.

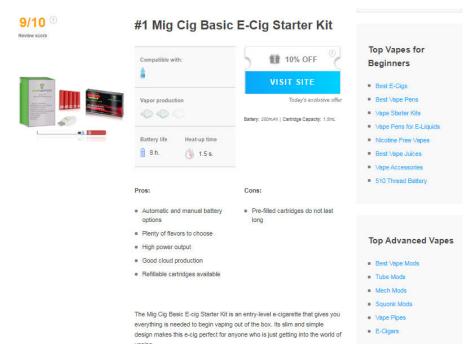


Source: https://www.rockbottomvapes.com/aspire-nautilus-BVC-kit/



Cannabis concentrates: highly concentrated forms of product derived from the marijuana plant that contain exceedingly higher levels of tetrahydrocannabinol (THC), than that in an unprocessed flower or dry herb, and are consumed using much of the same equipment and devices that are used for vaping

Cig-a-like: e-cigs that are designed to look and feel like the traditional cigarette. Go-to device for beginners. Illustrated below is advertisement for a starter kit.



Source: https://vapingdaily.com/best-electronic-cigarettes/the-5-best-cig-a-likes/

.Car adapter: a vape device charger that connects to the car lighter.



Source: https://www.halocigs.com/mini-car-charger/

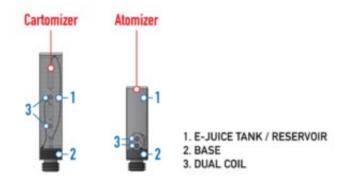
Cartridge (Cart): Refers to the mouthpiece made of poly-fill which holds the liquid used to create vapor on some e-cigs.

Cartridge Bands: used to label cartridges by contents or flavor, if using more than one cartridge, which are interchangeable.



 $Sources: \ https://honeyoilcbd.co/product/cartridge-bands/\ ;\ https://www.amazon.com/CENGLORY-Vape-Bands-Silicone-Mechanical/dp/B07DGFK41R?ref_=ast_slp_dp$

Cartomizer or carto: an atomizer and cartridge in one. They allow for longer vape time compared to atomizers, hold more e-juice and are longer than atomizers.



Source: https://blog.mtbakervapor.com/common-terms/

Clapton coil: a coil made of a core of wire tightly wrapped by thinner gauge wire. Most coils are made from single strands of kanthal, but Clapton coils are more complicated. They have a thinner, higher-gauge strand of wire wound tightly around a thicker, lower-gauge core. The wire looks just like a guitar string from the outside, but just constructed from kanthal.²



Source: http://doctorvapecr.com/product/prebuilt-fused-clapton-coil-0-450hm-1pc/

Clearomizer: also known as clearo. Refers to a cartomizer that is made of clear material such as glass or plastic to enable the user to see that amount of e-juice in their vape device.



Source: https://www.wish.com/product/16ml-ego-t-ce4-atomizer-clearomizer-510-tank-atomizer-e-cigarette-clearomizer-vape-pen-for-e-cigarette-5b0e9cd59019fa21835579fb?&hide_login_modal=true

² Johnson, L. The Clapton coil: everything you need to know. *E-cigarette Reviewed* (2017). https://ecigarettereviewed.com/clapton-coil. Accessed December 26, 2019

Clouds and ***Cloud Chasing:** the vapor that you exhale after taking draws from a vape device. Important to the culture of vaping. The activity of blowing large clouds of vapor using an e-cigarette. Important to the culture of vaping



Source: https://blog.mtbakervapor.com/common-terms/

Coil: the part of an atomizer that heats up and vaporizes e-juice.



Source: https://vaping.com/vandy-vape-jackaroo-replacement-coils-pack-of-4-13915

Coil jig: a calibrated metal that looks like a screw driver. This metal is used to get the desired width needed as loops are made when building coils.



Source: https://www.mister-e-liquid.com/kuro-concepts-kuro-koiler-coil-wrapping-tool/

Coil types: inception coil, strip coil, nano-dragon coil, stovetop coils, diamond coil, tiger coil,

Coil winder: stainless steel tool for manually wrapping coils.







Source: https://www.youtube.com/watch?v=m2kqGLa2X7c

Connection: the type of threading your vape device uses for the atomizer.

Custom mod: a handmade vape device made from assembled components, in order to achieve an individually desired vape.

Cutoff: the time that you can take a drag from an e-cig before it powers off to prevent overheating. Normally. Cutoff time is 10-15 minutes for most e-cigs.

D

Dabs: also known as butane hash oil (BHO), honey oil, budder, shatter, and wax – is a highly concentrated extract of marijuana's psychoactive ingredient tetrahydrocannabidiol, or THC. It is thick, gummy, and brownish-green, and looks like hot candle wax that's been spilled onto a piece of paper and left to dry.³





Source: https://www.thrillist.com/lifestyle/nation/what-is-dabbing-a-complete-novices-guide-to-concentrates

Dab Pen: pen-like device, much like the vape pen, used to vape THC concentrates.

MOUTHPIECE:	FOOD-CLASS GLASS MOUTH PIECE WITH FILTER
ATOMIZER:	DUAL QUARTZ ROD / CERAMIC DONUTS WITH QUARTZ DISH
BATTERY:	650 MAH LITHIUM-ION VARIABLE VOLTAGE BATTERY
MATERIAL:	MEDIA GRADE COMPONENTS, NO PLASTIC,NO GLUE,NO FIBER
DIMENSION:	14 MM (D) X 119 MM (L)
VOLTAGE:	OUTPUT 3.7-4.2V
WEIGHT:	55G

Source: https://www.vapes.com/collections/starter-kits/products/mr-dab-tech-zeno-vape-pen-kit-for-wax

³Rivas, Anthony. Dabs, a marijuana concentrate, is becoming more popular: but is it dangerous? Medical Daily. https://www.medicaldaily.com/dabs-marijuana-concentrate-becoming-more-popular-it-dangerous-338350. Published June 15, 2015 Accessed January 9, 2020.

Dab rig: glass pipe that is the most common method of dabbing. Consists of the rig, nail (quartz or metal piece that is heated up and attached to the rig, the dabber (dentist tool used to hold the dab of concentrate), and a small torch.⁴





Source: https://www.thrillist.com/lifestyle/nation/what-is-dabbing-a-complete-novices-guide-to-concentrates

Dabbing: Smoking marijuana extract with high levels of THC with a dab pen or a dab rig

Deck: a flat base area on an atomizer where the positive and negative poles sit on a rebuildable atomizer.

Dewick: removing a wick/wicks from an atomizer

Diacetyl: a buttery flavoring used in e-liquid production. It is an allergen that can cause Bronchiolitis.

Disposable e-cigarettes: nonrechargeable e-cigs that you get rid of once they die out.

Draw: taking a puff/inhaling vapor to your mouth through the mouthpiece. Also known as taking a drag or hit.

DIY: short for Do It Yourself

Dripping: refilling e-juice by dripping a few drops straight to the coils or bridge of an atomizer. *Dripping* tends to produce denser vapor clouds with cleaner, bolder flavors, and is ideal if the vaper prefers to smoke a variety of flavors without having to switch out tanks

Drip shield: an external cover with two internal that you put in the atomizer to catch leaked e-juice and bring it back to the atomizer.



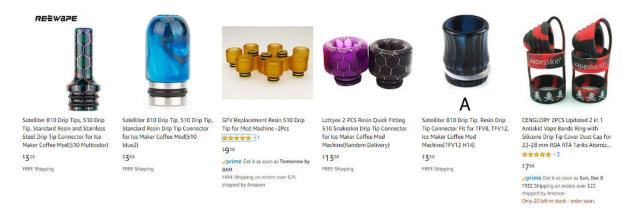




Source: https://www.youtube.com/watch?v=uf2sK3CXN_o

⁴ Pritchard, Ry. A complete novice guide to dabbing. Thrillist.https://www.thrillist.com/lifestyle/nation/what-is-dabbing-a-complete-novices-guide-to-concentrates. Published November 9, 2015. Accessed January 9, 2020.

Drip tips: mouthpieces



 $Source: \underline{https://www.amazon.com/s?k=vape+drip+tips\&hvadid=78340256534397\&hvbmt=be\&hvdev=c\&hvqmt=e\&tag=mh0b-20\&ref=pd_sl_1yq2a00824_e$

Dry burn: firing an atomizer until the coil glows red so as to burn dried up e-juice residue.

Dry hit: the drag that you take off a vaping device that has no e-juice.

E

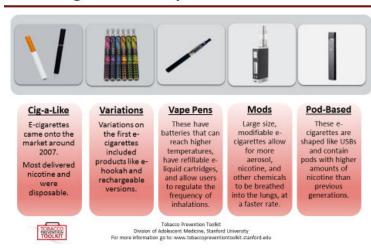
E-cig: abbreviation for an e-cigarette.

E-Cigarettes and Vape Pens Components:5



E-Cigarettes and Vape Pens Generations:6

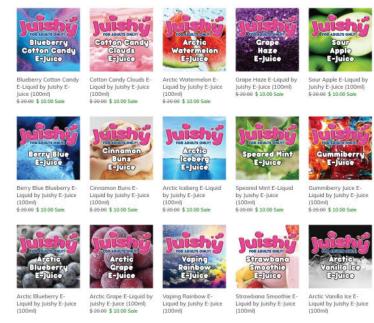
E-Cigarettes & Vape Pens Generations



⁵ Stanford Medicine. Tobacco prevention toolkit: modules for tobacco and nicotine education. https://med.stanford.edu/tobaccopreventiontoolkit/E-Cigs.html. 2019. Accessed January 9, 2020.

⁶ Stanford Medicine. Tobacco prevention toolkit: modules for tobacco and nicotine education. https://med.stanford.edu/tobaccopreventiontoolkit/E-Cigs.html. 2019. Accessed January 9, 2020.

E-juice: the liquid that is vaporized in an atomizer to produce vapor and flavor. Also known as e-liquid. The screen shot below illustrates only a few of the various flavors in which e-juices are manufactured.



Source: https://www.vapes.com/collections/e-juice

eGo: an e-cig model that is larger than most vape pens and uses a 510 connection, eGo threading, or both.

Typical eGo Battery head



Source: http://www.discountvapers.com/ego-vs-510-thread-what-is-the-difference/

eGo threading: the standard threading used in eGo cartomizers.

Ekowool: braided silica used to make wicks



Source: https://www.amazon.com/3mm-Quality-Ekowool-Silica-Braided/dp/B00DX7JP3A

Electronic cigar: an e-cig that looks like and feels like a Cuban cigar.



Source: https://epuffer.com/e-cigars/disposable-e-cigar/d-1800-orange-led-ecigar/?usource=ss&sscid=11k4_6p3o1

Electronic Nicotine Delivery System: E-cigarettes are electronic devices that heat liquid flavors and chemicals (e-juice). The heating produces an aerosol, also called a vapor, which is a mix of small particles in the air. An e-cigarette might also be called: JUUL (a brand of e-cigarettes), E-cigs, ENDS (electronic nicotine delivery systems), E-hookahs, Hookah pens, Vape pens, Vape mods, Vaporizers, Vapes, Tank systems

F

Faded: getting high

Flavor ghosting: tasting the previous flavor of e-juice that you were using, after changing to another flavor

Flooding: occurs when you put too much liquid in your atomizer that it produces a gurgling sound when you take a draw.

Food and Drug Administration (FDA): agency of the US federal government responsible for protecting and promoting public health.

Forums: online communities where vapers share news and ideas.

Formaldehyde: a carcinogen that appears when you vape in high temperatures. It is harmful when inhaled over a long period.

Fuse: a fuse that is designed specifically for mechanical mods to prevent battery failure.

Fused Clapton: a Clapton coil that has two or more core wires instead of one like the regular Clapton coil.

G

Genesis atomizer: instead of using silica or cotton for wicking, a genesis style atomizer uses steel mesh. E-juice is delivered to the coils through osmosis.



Source: https://www.ichorliquid.co.uk/genesis-atomizer-preparation-guide/

Ghosting: using an e-cig to produce very little vapor by holding in a hit until the exhale is nearly invisible.

Golden Greek: abbreviated GG. Refers to a brand of quality mechanical mods that come from Greece.



Source: https://godofsteam.wordpress.com/tag/apv/

Glassomizer: a clearomizer with a glass tank as opposed to a plastic one.



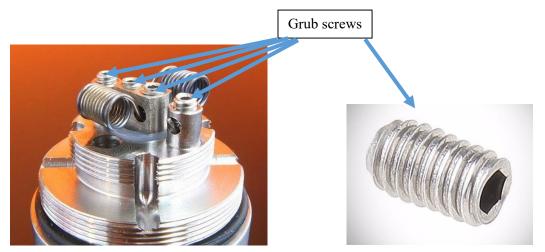
 $Source: \underline{https://de.dhgate.com/product/globe-glass-vaporizer-glass-tank-wax-clearomizer/387568456.html}$

Gooseneck: a flexible extended mouthpiece on your PV that resembles the neck of a goose. This extension comes in a range of colors and sizes.



Source: https://guidetovaping.com/2011/10/27/the-gooseneck/

Grub screw: a screw in <u>atomizer</u> posts that has a pointed tip to secure wires better.



Source: https://www.ecigclick.co.uk/ultimate-rda-guide-for-beginners/

Gurgling: noise made when liquid gets trapped in the cylinder and mixes with air during vaping

Н

Heat steeping: speeding up the steeping process by putting e-juice in hot water or in a hot environment.

High resistance: an atomizer with a higher Ohm reading than the standard one, which allows vaping in high voltage.

Hit: inhalation of vapor.

Hot spots: parts of a coil that glow brighter than others when the coil is fired up due to uneven wrapping. They cause dry hits.



Source: https://forum.e-liquid-recipes.com/t/lush-22-clone/192647/3

High Voltage (HV): Refers to vape devices that use more than 3.7 volts.

Hybrid: an atomizer that has a 510 connector with a hole in the middle.



Source: https://vineyardvapes.wordpress.com/2013/11/27/the-dome-hybrid-atomizer-by-atmomixani/

Inception coil: a type of coil that has a nano coil inside a macro coil, both made from continuous wire.





Source: https://www.youtube.com/watch?v=0nmXeD80eSg

Inhale: breathing in vapor from a vape device into your lungs or mouth.

J

Juice: another name for e-juice or e-liquid.

JUUL: the first e-cigarette brand to hold a patent for the creation and use of nicotine salts in their pod-based products that are designed to look like a flash drive. The nicotine in the nicotine salts is ionized, which gives a less harsh hit. The JUUL vaporizer utilizes disposable pods, each pod containing the same amount of nicotine as an entire pack of combustible cigarette. JUUL pods come in 2% and 5% nicotine.⁷



Sources: https://truthinitiative.org/research-resources/emerging-tobacco-products/what-juul

JUULing: a slang term created by users of the brand of e-cigarettes called JUUL, which is very popular among teens and young adults.

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 $^{^{7} \}underline{\text{https://www.theverge.com/2018/11/21/18105969/juul-vaping-nicotine-salts-electronic-cigarettes-myblu-vuse-markten}$

K

Kanthal: a type of wire used to make vape coils.

Kanthal

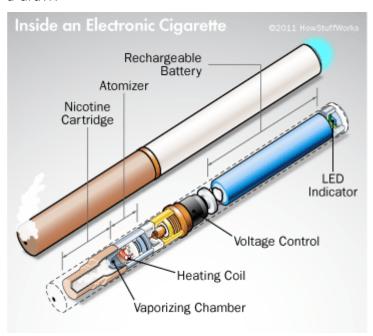


Source: https://vaping360.com/learn/vape-wire-types/

Kick: a term that describes throat hit or a chip made for mechanical PVs that converts them into variable voltage/wattage devices.

Leaking: when e-juice leaks out of the vape devices tank. This can damage the battery or short circuit your device.

LED: a light on the ends of e-cigs that glows like the traditional cigarette once you take a draw.



Source: https://science.howstuffworks.com/innovation/everyday-innovations/electronic-cigarette1.htm

Lithium Polymer (Li-Po): batteries that come in pouch form and are much lighter, with higher capacity and discharge rate, than lithium-ion batteries.



Source: https://www.youtube.com/watch?v=ltUIU7903Gc

Lithium-lon (**Li-lon**): high quality, rechargeable batteries that come in a range of shapes and sizes.

Low resistance: refers to vape devices that have coils with a resistance of less than 1.5 ohms. This low resistance is meant to increase vapor production but at the expense of battery life.

M

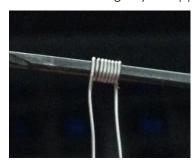
Milliampere-hour (mAh): the battery's capacity to store energy. The higher the mAh, the longer a battery lasts before recharge.

Manual: an e-cig that is powered up by pressing a switch.

Mechanical mode: a vaping device that has no electric wirings or regulating chips.

Milligram (MG) strength: the amount of nicotine per milligram, in one milliliter of e-juice. Used to denote nicotine strength.

Micro coil: a tightly wrapped coil with a short radius where all the loops touch.



Source: https://www.vapecore.com/2014/01/art-micro-coil-beginners-guide-coiling-rba/

Mini vapes: small and stealthier models of e-cigs.

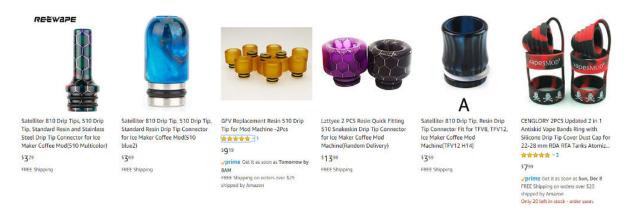


Mod: vape devices that are designed to optimize the experience of vapers. They have larger batteries which guarantee longer life and put off the need for a recharge but at the expense of size and portability.



Source: https://www.youtube.com/watch?v=jmDCrlBz700

Mouthpiece: ends through which you inhale vapor from your device.



Source: https://www.amazon.com/s?k=vape+drip+tips&hvadid=78340256534397&hvbmt=be&hvdev=c&hvqmt=e&tag=mh0b-20&ref=pd_sl_1yg2a00824_e

Mouth to lung: a method of vaping which is much similar to smoking the traditional tobacco cigarette. You inhale vapor straight from your mouth and hold it there before inhaling it to your lungs. This method conveys less vapor and more flavor.

Multi-Voltage (**MV**): devices are vaping devices that have different and selectable voltages.

N

Nic juice: e-juice that has nicotine.

Nicotine: or *Nic* is a potent parasympathomimetic stimulant poison and an alkaloid found in the nightshade family of plants.

Nicotine level: the amount of nicotine present in e-juice.

Nic salts: processed nicotine that is used in e-juices as opposed to freebase nicotine. Nicotine salts allow you to vape high nicotine levels without getting a harsh throat hit.



Sources: https://www.myvaporstore.com/JOYE-eGo-E-Cigarette-s/57.htm; https://www.juul.com/shop/devices/aqua-device-kit

NiChrome wire: an alloy of Nickel and Chromium that is used to make coils for high wattage and temperature control (TC) mode vaping.

Noob: a beginner/newbie in vaping.

0

Ohm: the International System (SI) unit for electrical resistance. Low ohm in coils produces dense cloud and hotter vapor while high ohm produces a better flavor.

		COLD: NO VAPOR PRODUCTION			COOL: Insignificant Vapor Production			MILD: DECREASED VAPOR PRODUCTION			IDEAL: Best vapor Production			TOO WARM: Possible E-Juice Burning			HOT: Possible Damage of Heating Coil			EXTREMELY HOT: IMMINENT DAMAGE OF HEATING COIL		
				AVO	DID - INSUFFICIENT VOLTAGE							AVOID – EXCESS VOLTAGE										
		VOLTS																				
		3.00 3.20 3.40 3.70 4.00 4.20 4.50 4.75								5.00	5.25	5.50	5.75	6.00	6.25	6.50	6.75	7.00	7.25	7.50	7.25	8.00
	1.20	7.50	8.53	9.63	11.41	13.33	14.70	16.88	18.80	20.83	22.97	25.21	27.55	30.00	32.55	35.21	37.97	40.83	43.83	46.88	50.05	53.33
	1.30	6.92	7.88	8.89	10.53	12.31	13.75	15.58	17.36	19.23	21.20	23.27	25.43	27.69	30.05	32.50	35.05	37.69	40.43	43.27	46.20	49.23
	1.50	6.00	6.83	7.71	9.13	10.67	11.76	13.50	15.04	16.67	18.38	20.17	22.04	24.00	26.04	28.17	30.38	32.67	35.04	37.50	40.04	42.67
	1.80	5.00	5.69	6.42	7.61	8.89	9.80	11.25	12.53	13.89	15.31	16.81	18.37	20.00	21.70	23.47	25.31	27.22	29.20	31.25	33.37	35.56
	2.00	4.50	5.12	5.78	6.85	8.00	8.82	10.13	11.28	12.50	13.78	15.03	16.53	18.00	19.53	21.13	22.78	24.50	26.28	28.13	30.03	32.00
	2.20	4.09	4.65	5.25	6.22	7.27	8.02	9.20	10.26	11.36	12.53	13.78	15.03	16.63	17.76	19.20	20.71	22.27	23.89	25.57	27.30	29.09
MS)	2.40	3.75	4.27	4.82	5.70	6.67	7.35	8.44	9.40	10.42	11.48	11.81	13.78	15.00	16.28	17.60	18.98	20.42	21.90	23.44	25.03	26.67
흥	2.80	3.21	3.66	4.13	4.89	5.71	6.30	7.23	8.06	8.93	9.84	11.02	11.81	12.86	13.95	15.09	16.27	17.60	18.77	20.09	21.45	22.86
끯	3.00	3.00	3.41	3.85	4.56	5.33	5.88	6.75	7.52	8.33	9.19	10.33	11.02	12.00	13.02	14.08	15.19	16.33	17.52	18.75	20.02	21.33
RESISTANCE (OHMS)	3.20	2.81	3.20	3.61	4.28	5.00	5.51	6.33	7.05	7.81	8.16	9.45	10.33	11.25	12.21	13.20	14.24	15.31	16.43	17.58	18.77	20.00
	3.50	2.57	2.93	3.30	3.91	4.57	5.04	5.79	6.45	7.14	7.88	8.64	9.45	10.29	11.16	12.07	13.02	14.00	15.02	16.07	17.16	18.29
	4.00	2.25	2.56	2.89	3.42	4.00	4.41	5.06	5.64	6.25	6.89	7.56	8.27	9.00	9.77	10.56	11.39	12.25	13.14	14.06	15.02	16.00
	4.50	2.00	2.28	2.57	3.04	3.56	3.92	4.50	5.01	5.56	6.13	6.72	7.35	8.00	8.68	9.39	10.13	10.89	11.68	12.50	13.35	14.22
1	5.00	1.80	2.05	2.31	2.74	3.20	3.53	4.05	4.51	5.00	5.51	6.05	6.61	7.20	7.81	8.45	9.11	9.80	10.51	11.25	12.01	12.80
	5.50	1.64	1.86	2.10	2.49	2.91	3.21	3.68	4.10	4.55	5.01	5.50	6.01	6.55	7.10	7.68	8.22	8.91	9.56	10.23	10.92	10.67
	6.00	1.50	1.71	1.93	2.28	2.67	2.94	3.38	3.75	4.17	4.59	5.04	5.51	6.00	6.51	7.04	7.59	8.17	8.76	9.38	10.01	10.67
	6.50	1.38	1.58	1.78	2.11	2.46	2.71	3.12	3.47	3.85	4.24	4.65	5.09	5.54	6.01	6.50	7.01	7.54	8.09	8.65	9.24	9.85

Source: https://www.misthub.com/blogs/vape-tutorials/76788421-tutorial-variable-voltage-and-vaping-power-chart

Organic cotton: the most popular material used in wicking.

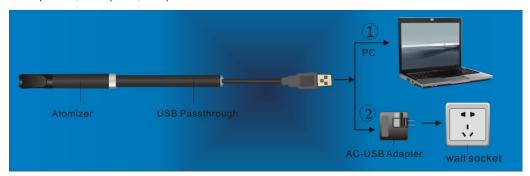
O Splitting: blowing a large vape circle and moving the chin and body in a way that manipulates the large circle into two perfect smaller circles of vapor



Source: https://www.youtube.com/watch?v=y29AfvoxAHE

P

Passthrough technology: an e-cig model that can be used while the device is charging or one that has no batteries and is instead powered up by plugging a USB cable in a computer, adapter, or power bank.



Source: https://unlimitedecigs.com/how-to-usb-passthrough-battery

PCC: Personal/Portable Charging Case. It refers to a case used for storage and charging of cig-a-likes. It has an internal battery that charges from external power sources.

Pen style: pen shaped e-cigs like the ones found in starter kits. The starter kit featured here is a '4-in-1 Multi-Vape Pen Kit for E-Liquid, Oil, Herb, and Wax,' which indicates that it is suitable to use with e-liquids containing nicotine and THC concentrates, as well as the marijuana flower (herb).



What You Get:

- 1x EVOD Type Battery
- 1x MT3 Atomizer (for e-liquid/oil)
- 1x Glass Globe Atomizer with Spiral Pancake Coil (for herb/wax)
- 1x Skillet Tank Atomizer with Dual Quartz Coil (for herb/wax)
- 1x BUD Touch Atomizer (CE3) Tank (for oils and e-liquids)
- 1x Wax Stir Tool
- 1x Cleaning Brush
- 1x USB Vape Battery Charging Cable
- 1x User Guide
- 1x Retail Gift Box

Source: https://www.vapes.com/collections/ecigs/products/multi-vape-4-in-1-vape-pen-kit-for-e-liquid-oil-herb-wax

Personal Vaporizer (PV). It is another name for nontraditional cig-a-likes and mods. It also can also be used to refer to a personal vaping device.

Primer liquid: also known as "primer." It is a VG based solution that you apply to your wicks and coils during storage to prevent them from drying up.

Priming: adding few drops of e-liquid to the wicks till they reach saturation and letting them sit for a few minutes before you vape.

Propylene glycol (PG): It is one of the two base substances used to make e-liquids. It has a high viscosity, and it is also used to make foodstuff. The American Lung Association states that current research data shows that propylene glycol, as well as vegetable glycerin, are toxic to the cells in the human lungs and can cause severe lung damage, potentially leading to COPD, asthma, lung cancer, etc.⁸

R

Rebuildables (RBA): atomizers that allow users to build their own coils. Also known as RBAs

Rebuildable Drip Atomizer (RDA): An atomizer that allows you to build your own coils but lacks a storage tank for e-juice, so you drip the juice directly onto the wicks.

Resistance: the electrical resistance of a coil. As the gauge of a wire increases, then the diameter of the wire decreases – the lower the gauge, the higher the resistance of that wire and the slower that wire will heat.⁹

Resistance wire: the wire used to make coils, such as kanthal, nichrome, stainless steel, titanium¹⁰

FOR VAPING WIRE TYPES Ni200 =>.05 .00620 TUNGUSTEN =>.07 .00450 SAFE Ti01 =>.1 NiFe30 .00320 =>.1 **SS430** =>.25 .00138 SS304 =>.5 .00105 CAUTION SS316 SAME^ .00092 **SS317** SAME^ .00088 KANTHAL .00002

⊘V∧PING360

TEMPERATURE COEFFICIENT OF RESISTANCE

Source: https://vaping360.com/learn/vape-wire-types/

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⁸ Sassano MF, Davis ES, Keating JE, Zorn BT, Kochar TK, Wolfgang MC, et al. (2018) Evaluation of e-liquid toxicity using an open-source high-throughput screening assay. PLoS Biol 16(3): e2003904. https://doi.org/10.1371/journal.pbio.2003904

⁹Vaping 360 Team. Vape wires: kanthal, nichrome, stainless steel, and more. Vaping 360. https://vaping360.com/learn/vape-wire-types/#wire-gauge-resistance-ramp-time-and-tcr. Published November 28, 2018. Accessed January 9, 2020.

¹⁰ Vaping 360 Team. Vape wires: kanthal, nichrome, stainless steel, and more. Vaping 360. https://vaping360.com/learn/vape-wire-types/#wire-gauge-resistance-ramp-time-and-tcr. Published November 28, 2018. Accessed January 9, 2020.

Rebuildable Tank Atomizer (RTA): A rebuildable that has a tank for e-juice storage.

Clear tank with atomizer inside





Atomizer, outside of tank

Source: https://www.elementvape.com/oumier-wasp-nano-mtl-22mm-rta

S

Sensor: an electronic device that senses when a user takes a puff and sends power to the atomizer, eliminating the need for a firing button.

Sharp shooting: Also known as 'long shots,' where the goal is to blow rings of vapor



Source: https://www.youtube.com/watch?v=m_wWVnIWDLE

Smoke juice: another name for e-juice.

Smokeless cigarette: e-cigs that do not produce vapor.

Starter kit: packages which you can find in vape stores. They have everything that you need to begin vaping such as an e-cig, an atomizer, a charger, and pre-filled cartridges.



Source: https://www.rockbottomvapes.com/starter-kits/?sort=alphaasc&page=2

Stealth Vaping: 1. Invest in a vape pen or mod that uses small battery, lower voltage output produces less vapor; 2. PG-blend juice or 100% PG juice produces, preferably with no flavoring, will give off the least amount of vapor and minimal to no scent; 3. Atomizer with high resistance – two ohms above; 4. E-juice with higher nicotine content for a harder throat hit and reducing the number of hits needed, therefore drawing less

attention to the act of vaping, itself. All of these efforts, together, help to make the perfect stealth vaping scenario. 11

Steeping: allowing the ingredients of your e-juice to settle by letting it sit in the open for a number of hours.

Strip coil: which is made of kanthal. The porous structure provides a large surface area for fast adsorption of e-juice. Compared with other traditional heating wires, **strip coil** can easily load higher power.



Source: https://www.youtube.com/watch?v=jmDCrlBz7O0

Sub-ohming: vaping below 1.0 ohms. Vapers use this vaping style because of its ability to produce dense clouds.

		COLD: NO VAPOR PRODUCTION			COOL: Insignificant Vapor production			MILD: Decreased Vapor production			IDEAL: Best vapor Production			TOO WARM: Possible E-Juice Burning			HOT: Possible Damage of Heating Coil			EXTREMELY HOT: IMMINENT DAMAGE OF HEATING COIL		
				AVO	ID - INS	UFFICIE	NT VOL	ILTAGE						AVOID - EXCESS VOLTAGE								
		VOLTS																				
		3.00	3.20	3.40	3.70	4.00	4.20	4.50	4.75	5.00	5.25	5.50	5.75	6.00	6.25	6.50	6.75	7.00	7.25	7.50	7.25	8.00
	1.20	7.50	8.53	9.63	11.41	13.33	14.70	16.88	18.80	20.83	22.97	25.21	27.55	30.00	32.55	35.21	37.97	40.83	43.83	46.88	50.05	53.33
	1.30	6.92	7.88	8.89	10.53	12.31	13.75	15.58	17.36	19.23	21.20	23.27	25.43	27.69	30.05	32.50	35.05	37.69	40.43	43.27	46.20	49.23
	1.50	6.00	6.83	7.71	9.13	10.67	11.76	13.50	15.04	16.67	18.38	20.17	22.04	24.00	26.04	28.17	30.38	32.67	35.04	37.50	40.04	42.67
	1.80	5.00	5.69	6.42	7.61	8.89	9.80	11.25	12.53	13.89	15.31	16.81	18.37	20.00	21.70	23.47	25.31	27.22	29.20	31.25	33.37	35.56
	2.00	4.50	5.12	5.78	6.85	8.00	8.82	10.13	11.28	12.50	13.78	15.03	16.53	18.00	19.53	21.13	22.78	24.50	26.28	28.13	30.03	32.00
_	2.20	4.09	4.65	5.25	6.22	7.27	8.02	9.20	10.26	11.36	12.53	13.78	15.03	16.63	17.76	19.20	20.71	22.27	23.89	25.57	27.30	29.09
RESISTANCE (OHMS)	2.40	3.75	4.27	4.82	5.70	6.67	7.35	8.44	9.40	10.42	11.48	11.81	13.78	15.00	16.28	17.60	18.98	20.42	21.90	23.44	25.03	26.67
0	2.80	3.21	3.66	4.13	4.89	5.71	6.30	7.23	8.06	8.93	9.84	11.02	11.81	12.86	13.95	15.09	16.27	17.60	18.77	20.09	21.45	22.86
문	3.00	3.00	3.41	3.85	4.56	5.33	5.88	6.75	7.52	8.33	9.19	10.33	11.02	12.00	13.02	14.08	15.19	16.33	17.52	18.75	20.02	21.33
STA	3.20	2.81	3.20	3.61	4.28	5.00	5.51	6.33	7.05	7.81	8.16	9.45	10.33	11.25	12.21	13.20	14.24	15.31	16.43	17.58	18.77	20.00
22	3.50	2.57	2.93	3.30	3.91	4.57	5.04	5.79	6.45	7.14	7.88	8.64	9.45	10.29	11.16	12.07	13.02	14.00	15.02	16.07	17.16	18.29
-	4.00	2.25	2.56	2.89	3.42	4.00	4.41	5.06	5.64	6.25	6.89	7.56	8.27	9.00	9.77	10.56	11.39	12.25	13.14	14.06	15.02	16.00
	4.50	2.00	2.28	2.57	3.04	3.56	3.92	4.50	5.01	5.56	6.13	6.72	7.35	8.00	8.68	9.39	10.13	10.89	11.68	12.50	13.35	14.22
	5.00	1.80	2.05	2.31	2.74	3.20	3.53	4.05	4.51	5.00	5.51	6.05	6.61	7.20	7.81	8.45	9.11	9.80	10.51	11.25	12.01	12.80
	5.50	1.64	1.86	2.10	2.49	2.91	3.21	3.68	4.10	4.55	5.01	5.50	6.01	6.55	7.10	7.68	8.22	8.91	9.56	10.23	10.92	10.67
	6.00	1.50	1.71	1.93	2.28	2.67	2.94	3.38	3.75	4.17	4.59	5.04	5.51	6.00	6.51	7.04	7.59	8.17	8.76	9.38	10.01	10.67
	6.50	1.38	1.58	1.78	2.11	2.46	2.71	3.12	3.47	3.85	4.24	4.65	5.09	5.54	6.01	6.50	7.01	7.54	8.09	8.65	9.24	9.85

Source: https://www.misthub.com/blogs/vape-tutorials/76788421-tutorial-variable-voltage-and-vaping-power-chart

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¹¹ Vaping Daily.Stealth vaping: vape like a true ninja. https://vapingdaily.com/what-is-vaping/stealth-vaping/ Last revised April 12, 2019. Accessed January 9, 2019.

Sweet spot: what you achieve after vaping on the perfect vape which is a combination of the right: e-juice, voltage, nicotine level, and vape device.

Т

Tank: enclosures that hold e-liquid in a vape device.



Source: https://www.rockbottomvapes.com/tanks-clearomizers/?sort=newest&page=3

Tetrahydrocannabinol (THC): the compound found in the marijuana plant that causes intoxication or a 'high.'

Thermal runway: overheating of lithium batteries as a result of stacking, overcharging, physical damage or faulty wiring.

Throat hit: the sensation one gets when vapor hits the throat

Toot: slang for taking a draw from a vape device

Topping off: adding a few drops of e-juice to your cartomizer or tank to fill it to capacity.

Tiger coil: a coil made with regular Kanthal twisted with ribbon wire.

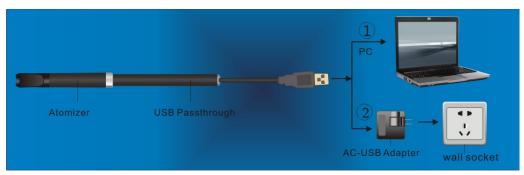


Source: https://vaping360.com/learn/clapton-alien-coils/#what-is-a-tiger-coil



Unprotected battery: a battery that has no protection for overcharging or situations that can cause a thermal runway. Some unprotected batteries are made with chemical materials that do not have a violent reaction.

USB passthrough: a setting of a vape device that allows one to vape as it charges through the USB port.



Source: https://unlimitedecigs.com/how-to-usb-passthrough-battery



Vape pen: vaping device designed to look like a pen.



Source: https://www.kandypens.com/slim-kit-white.html

Vaper: anyone who uses e-cigs

Vaper's tongue: desensitization of one's tongue due to use of too much of one flavor. Also refers to a tingling sensation on the tongue after vaping for long hours.

Vaping: the act of using an e-cig.

Vent holes: small holes in the battery area that prevent overheating and thermal runway.

Vaporizer: another name for e-cig.

Vapor production: the amount of vapor that a certain device or e-liquid produces.

Vegetable Glycerin (VG): It is one of the two base ingredients used to make e-juices. It produces dense clouds due to its low viscosity.

Voltage: the electrical potential of a battery.

Variable voltage (VV): Refers to any vape device that allows users to adjust the voltage they vape on.







Source: https://www.youtube.com/watch?v=B2myg-4zkE8

VW: Variable Wattage. Refers to the devices that allow users to adjust the wattage output.



Source: https://www.youtube.com/watch?v=jmDCrlBz700

W

Wattage: the amount of power that an atomizer coil consumes. High wattages help in vapor production. However, they diminish flavor.

Wick: material that is wrapped around the coil. It soaks up e-liquid for vaporization. Most wicks are made from organic cotton while some are made from silica.



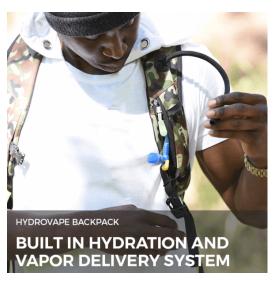
 ${\color{red} \textbf{Sources:}} \ \underline{\textbf{http://lowpriceecigs.com/shop/clearomizer-head-coil-innokin-iclear-16/}}; \ \underline{\textbf{https://www.mtbakervapor.com/vaping-jargon.html}}.$

https://www.youtube.com/watch?v=B2myg-4zkE8

Wrap: the number of loops made when making a coil. Many wraps make the coil's resistance high. The coil pictured above has four loops.

Items Used for Vaping Concealment

Backpacks with vapor delivery systems







Cell phone cases







Source: https://www.canlessair.com/the-vape-hoodie-bad-idea/

Pod systems that look like flash drives



Source: http://guide.heavengifts.com/best-refillable-pod-system.html

Pod systems that look like highlighters or markers



Source: http://guide.heavengifts.com/best-refillable-pod-system.html

Pod systems that look like designer change purses



Source: http://guide.heavengifts.com/best-refillable-pod-system.html

Vape devices that look like car key fobs



Source: https://o2vape.com/product/o2vape-flip-concealable-vape-pen/

Vape devices that look like key chains



 $Source: \ \underline{https://www.leafly.com/products/details/the-terrapin-company-studio-terrapin-pax-era-case-keychain-film-camera-customizable}$

Vape pens that are real pens



Source: https://vaporsmooth.com/vaeplume-vape-pen-review-discreet-vaporizer/

Vaping devices worn on the wrist, designed to look like a real wristwatch







Source: https://vapordna.com/products/uwell-amulet-pod-system-vape-watch

Vape filter: product resembling a chap stick that considerably minimizes the amount of visible exhaled vape smoke, when blown into.







Source: http://www.vstealth.com/

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