



The Legally Compliant Collection and Recycling of Vapes

- GAP Group is a multi-award-winning recycling company
- 6 main divisions - focussed on electrical waste recycling and reuse
- Purpose built vape recycling facility
- Recycled over 600,000 vapes in 6 months
- We have the capacity to recycle >10m
- ISO 9001, 14001, 45001 accredited
- <https://gapgroupuk.com/>



- All used vaping equipment is covered by the WEEE Regulations
- Retailers have a legal obligation
- DTS - <https://dts.valpak.co.uk/>
- It is illegal to export waste reusable & disposable vapes for recycling
- It is your responsibility to comply
- Only 76 weeks of discarded UK vapes to circle the World



Containers



16ltr VAPExbox

Approx. 300 Units

210x380x280mm



16ltr VAPETube

Approx. 400 Units

830x310x310mm



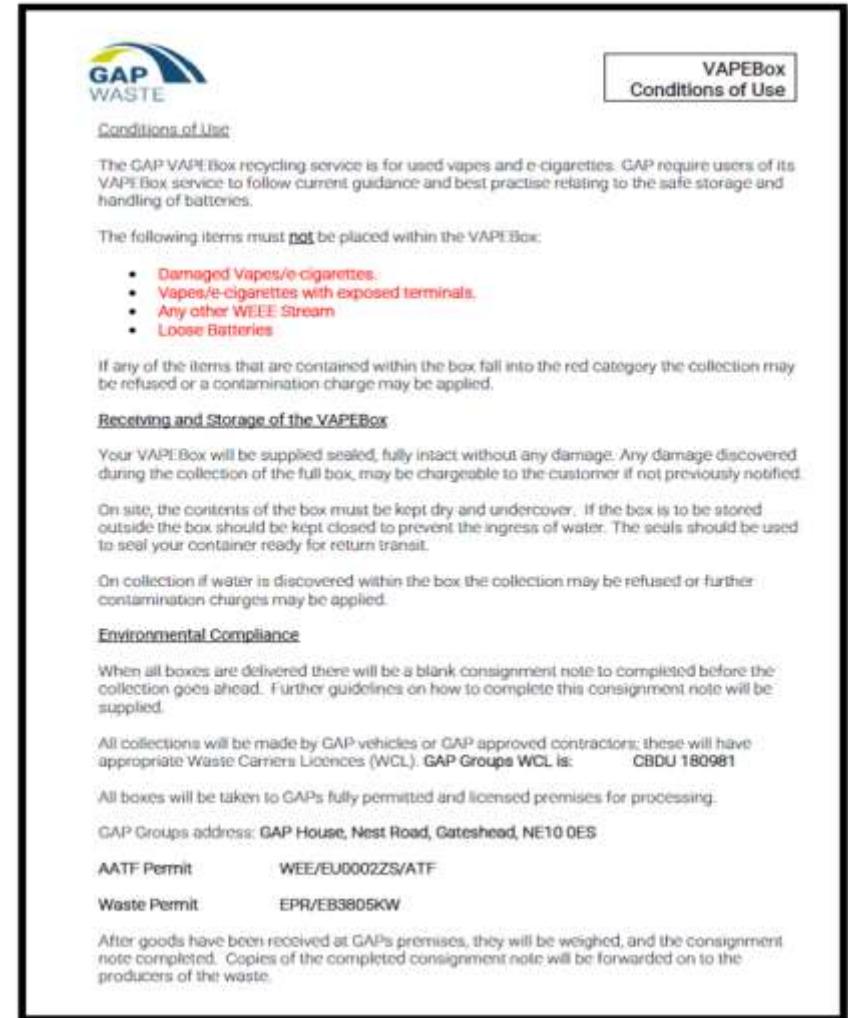
30ltr VAPebarrel

Approx. 700 Units

520x310x310mm

Compliant Collections

- Collection agents must:
 - Have a Waste Carrier's licence
 - All collections must be recorded
 - These must all be reported to the EA
- Paperwork is a legal requirement
- Retailers must be able to show that they have complied
- Recyclers must be an ATF or AATF or have appropriate exemption



The screenshot shows the 'VAPeBox Conditions of Use' document. It includes the GAP WASTE logo and a title box. The document outlines the service for used vapes and e-cigarettes, lists prohibited items (damaged vapes, exposed terminals, WEEE, loose batteries), and provides details on receiving, storage, and environmental compliance. It also lists contact information for GAP Groups WCL and provides permit numbers for AATF and Waste permits.

GAP WASTE VAPeBox
Conditions of Use

Conditions of Use

The GAP VAPeBox recycling service is for used vapes and e-cigarettes. GAP require users of its VAPeBox service to follow current guidance and best practise relating to the safe storage and handling of batteries.

The following items must **not** be placed within the VAPeBox:

- Damaged Vapes/e-cigarettes.
- Vapes/e-cigarettes with exposed terminals.
- Any other WEEE Stream
- Loose Batteries

If any of the items that are contained within the box fall into the red category the collection may be refused or a contamination charge may be applied.

Receiving and Storage of the VAPeBox

Your VAPeBox will be supplied sealed, fully intact without any damage. Any damage discovered during the collection of the full box, may be chargeable to the customer if not previously notified.

On site, the contents of the box must be kept dry and undercover. If the box is to be stored outside the box should be kept closed to prevent the ingress of water. The seals should be used to seal your container ready for return transit.

On collection if water is discovered within the box the collection may be refused or further contamination charges may be applied.

Environmental Compliance

When all boxes are delivered there will be a blank consignment note to be completed before the collection goes ahead. Further guidelines on how to complete this consignment note will be supplied.

All collections will be made by GAP vehicles or GAP approved contractors; these will have appropriate Waste Carriers Licences (WCL). GAP Groups WCL is: CBDU 180981

All boxes will be taken to GAPs fully permitted and licensed premises for processing.

GAP Groups address: GAP House, Nest Road, Gateshead, NE10 0ES

AATF Permit: WEE/EU0002ZS/ATF
Waste Permit: EPR/EB3805KW

After goods have been received at GAPs premises, they will be weighed, and the consignment note completed. Copies of the completed consignment note will be forwarded on to the producers of the waste.



Vape recycling process (hand dismantling)



Old vapes are disposed of in GAP approved disposal containers.



The vapes arrive at GAP in a UN approved container.



The Vapes are then sorted by hand, and separated into different brands.



Once sorted, they can be batch processed by our operatives.



The plastics and metal are processed here at GAP, the batteries are sent to a UK battery ABTO/ABE for recycling and the wick, filter and nicotine parts are sent for incineration as required by the EA.



The contents of the vape is ejected and the contents separated.

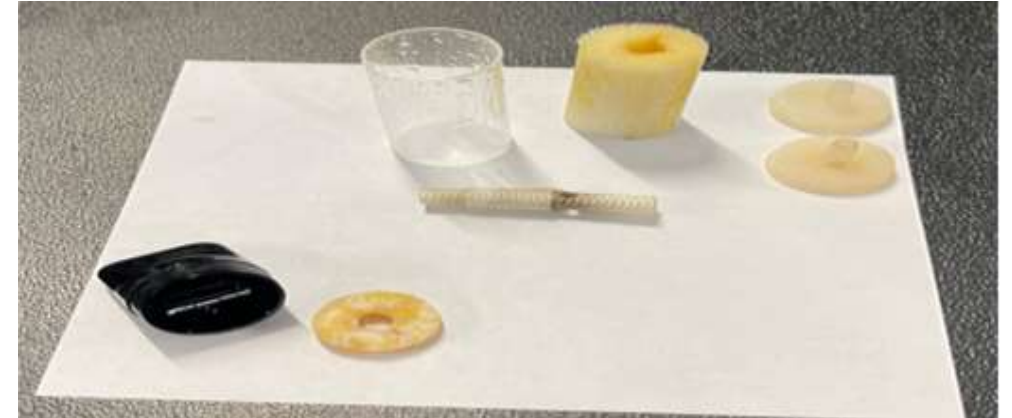


Firstly, the end cap is removed.



Recycling & Disposal

- Material must be dismantled by hand
- The process is slow and time consuming
- Costs are linked to labour rates
- Metals shredded & sent for smelting
- Plastics are recycled in GAP's polymers line
- Batteries are sent to specialist company
 - Exported by approved company
 - Cost to recycle
- Nicotine elements sent for incineration
 - Includes wicks, sponges, bottles etc
- All cardboard packaging is recycled



A second life?

- Vapes can be recycled correctly ...
- Ran a trial to reuse the plastic from vapes
- Potential to reduce the amount of virgin plastic used in new products
- Looking at automation but needs approval and capital investment
- But we all need to play our part!
 - Government – national and local
 - Businesses – large and small
 - The public – needs to recycle





Questions

Nigel Tomlinson

Commercial Director

07708 030721

nigel.tomlinson@gapgroupuk.com