

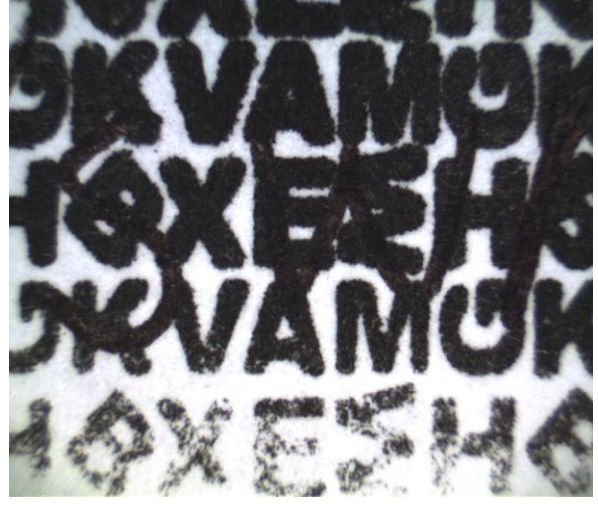
Does the 'Plus Guard-Your-ID' do the Job?

Abstract

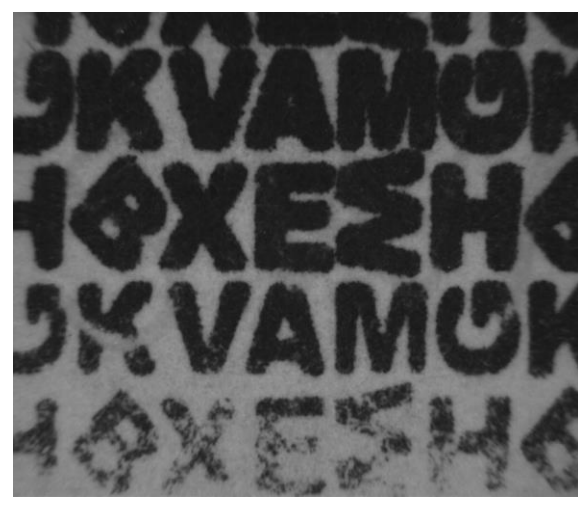
The purpose of this research was to determine whether the Plus Guard-Your-ID effectively redacts printed and written text and would it be a product helpful to the public. We tested 7 samples of documents, 2 containing inked entries, 4 containing different printer output, and 1 containing a type written entry. Each sample was examined using alternative light source and Photoshop to decipher the covered material. This device is not effective at obliterating entries that react in the IRL wavelengths, nor is it effective over colored ink. For the average consumer who wants to cover addresses or prescriptions, the Plus product may be sufficient, but it is not recommended for the workplace or business documents.



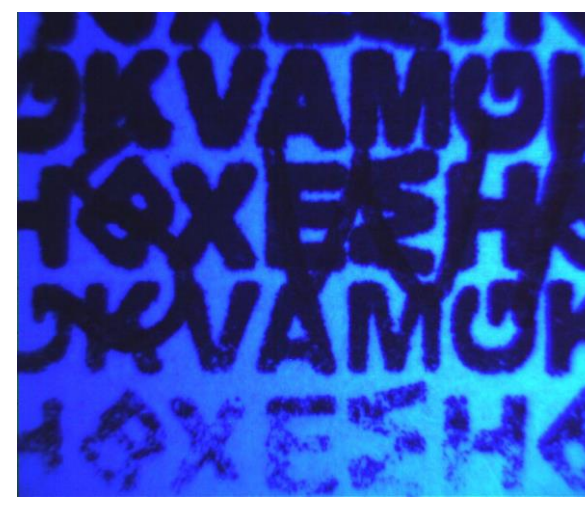
1) Black Pen Ink



White Light



Infrared

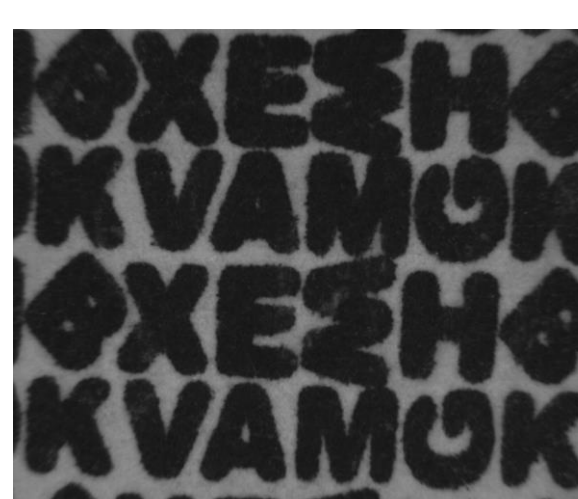


Ultraviolet

2) Blue Pen Ink



White Light

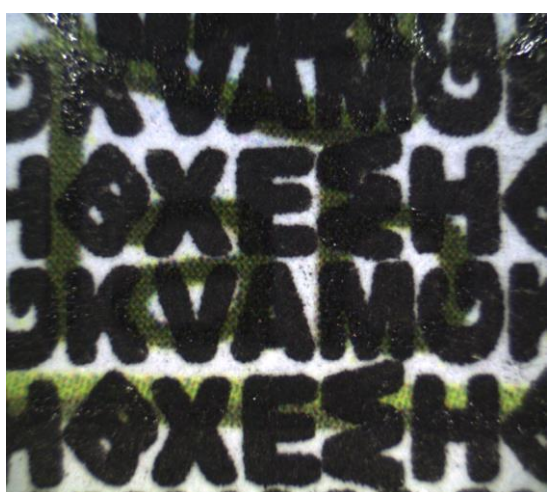


Infrared



Ultraviolet

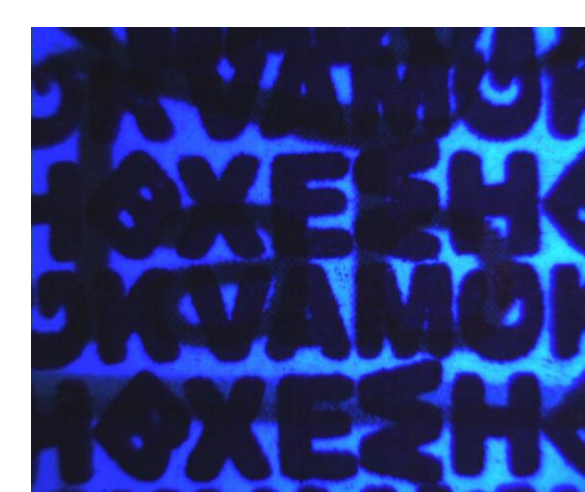
3) Laser Print Color



White Light

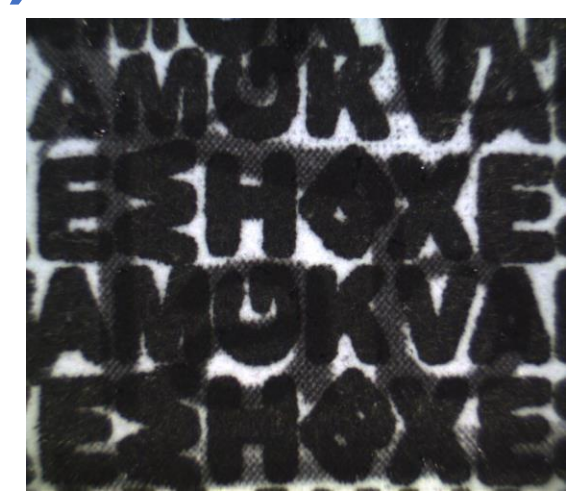


Infrared

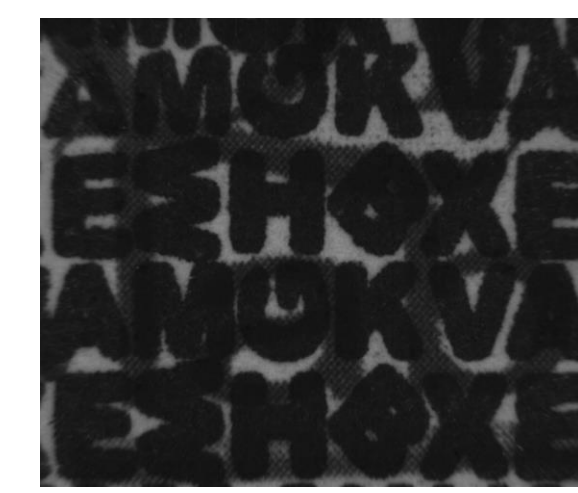


Ultraviolet

4) Laser Print Black & White



White Light

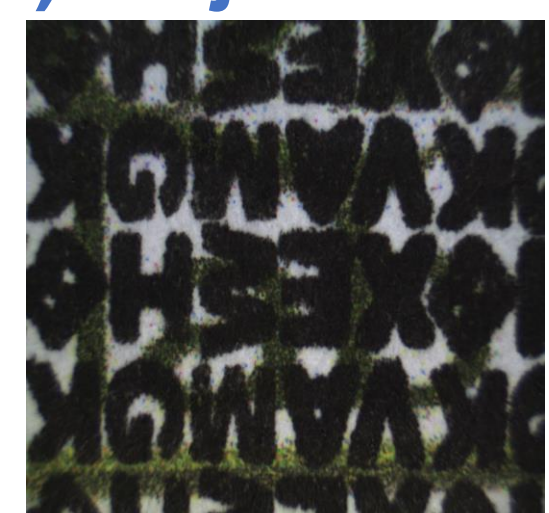


Infrared

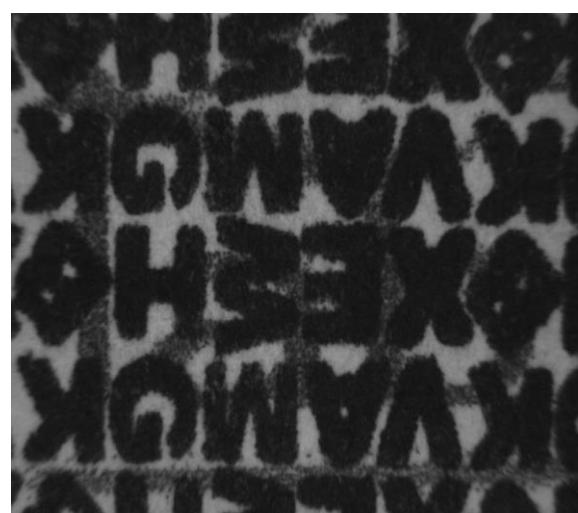


Ultraviolet

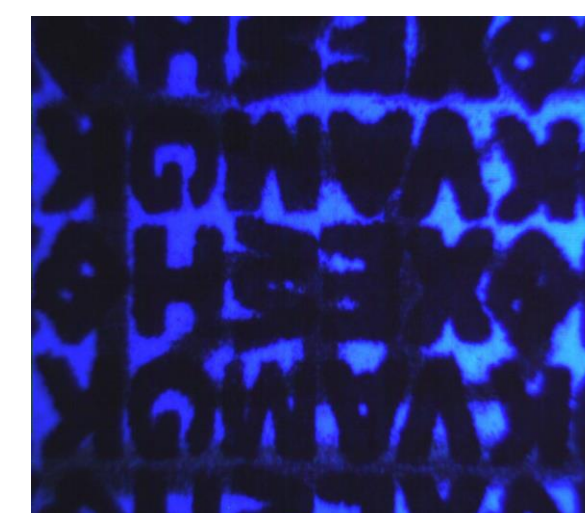
5) Inkjet Print Color



White Light

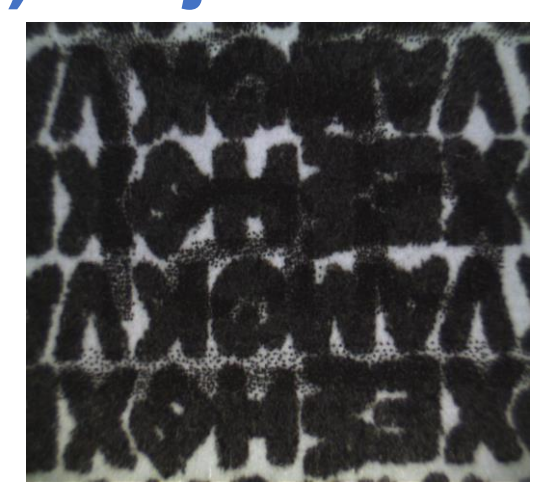


Infrared



Ultraviolet

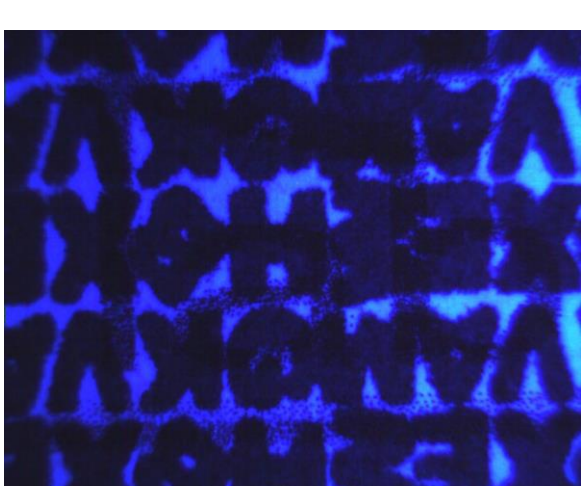
6) Inkjet Print Black & White



White Light



Infrared



ultraviolet

7) Type Writer



White Light



Infrared



ultraviolet

Introduction

- Plus Guard-Your-ID is a product designed to keep you protected from theft. It is an oil-based pigment pen with claims to obliterate writing.

PURPOSE OF THE STUDY

- To determine whether or not the Text Plus Obliterator is a reliably product for household and/or business use.
- To determine if a questioned document examiner can use tools to read through the Plus Text Obliterator.

Conclusions

- 1) Cannot see underneath from average eye. A document examiner may be able to identify writing under, due to indentation on paper. Recommended only for use of average household.
- 2) Not recommended for the cover of colored pens. Color of pen makes it easier for anyone to see through.
- 3) Not strong for color laser print. It covers the writing, but is not strong enough to block out what is underneath. Could use for personal use, but not recommended to use in office.
- 4) Works well if only covered once. If covered once, it is strongly recommended for any type of use. If covered more than once, it becomes much easier to see and not recommended for any type of use.
- 5) Covers well. Cannot see what is written underneath. Strongly recommend for household or business use.
- 6) Product works most successfully on black and white inkjet print. Covers well and highly recommend for any kind of use.
- 7) Cannot read or see text from plain eye. Using tools accessible for a document examiner it is easier to see text written underneath; especially using ultraviolet light sources. Recommended for home use only.

Materials & Methods

- PLUS Guard-Your-ID
- Infrared and Ultra Violet light Sources
- Seven Samples
- Colored laser print
- Black & white laser print
- Colored inkjet print
- Black & white inkjet print
- Hand written black ink
- Hand written blue ink
- Type Written

References

Plus Guard Your ID Roller Stamp, Green: Health & Personal Care. (n.d.). Retrieved from https://www.amazon.com/dp/B0042YC62K/ref=sspa_dk_detail_4?th=1