

Labino® Forensic Filters



HELPS YOU FIND EVIDENCE EASY-TO-CHANGE

Labino forensic filters have been developed to meet the needs of police and crime scene investigators. By using a Labino UV lamp together with a forensic filter (and often forensic goggles), it is possible for the investigator to see traces of fluorescence in daylight and at great distances.

Knowing which filter to use

Knowing which forensic filter to use to detect a certain substance or trace is not an exact science. Light conditions, the type of surface or material in question and state of the substance (wet, dry, new, old, etc...) often influence which filter/goggle combination works best. Some circumstances may require a different goggle/filter combination than those listed below.

Changing filters

Labino forensic filters are housed in a sturdy filter frame which enables the user to quickly and easily change filters. Simply "click-off" one filter and "click-on" another.

These filters have been designed to be used together with Labino UV lamps, and in particular with ultraviolet lamps from our portable TrAc series.

MAKES IT BRIGHT



TECHNICAL SPECIFICATION

UV Crime Filter

- Cuts away wavelengths outside of 310-400 nanometer range.
- Often used when searching for traces of blood. Blood does not fluoresce but rather absorbs UV light and appears black.
- Some body fluids, such as saliva, urine, and semen may fluoresce and appear a light yellow color when illuminated with UV light and when using the UV Crime Filter. Some narcotics may also fluoresce when using this filter.

General Crime Filter

- Cuts away wavelengths outside of the 400-525 nanometer range.
- Often used to get a quick overall view of the crime scene and to locate fluorescent traces of substances.
- Mostly used with orange or red goggles.

Green Crime Filter

- Cuts away wavelengths outside of the 485-530 nanometer range.
- Effective for biological substances. Mostly used with orange goggles.
- Optimal when using DFO method for developing fingerprints.

Blue Crime Filter

- Cuts away wavelengths outside of the 415-485 nanometer range.
- Mainly used to detect traces of body fluids and used on Basic Yellow 40 or Ardrex enhanced cyanoacrylate-developed fingerprints.
- Mostly used with yellow goggles but orange can also be used.

Other

- Material composition of filter: glass with coating
- Diameter of filter excluding frame: 144 mm
- Width of filter excluding frame: 3.0 to 3.3 mm
- Width of light beam: 133 mm

Manufactured in Sweden

DISTRIBUTOR:



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