



Manufacturer's Information

Test No. 10-533: Imprint/Impression Evidence

Each sample pack consisted of seven photographs. Three photographs contained images of the nine questioned imprints, Q1-Q3 on one photograph, Q4-Q6 on another photograph and Q7-Q9 on another photograph. One photograph (K1a) was of the sole of the suspect shoe; one photograph (K1b) was of two images of the sole of the suspect shoe using oblique lighting; and two photographs (K1c & K1d) had known imprints made with the suspect shoe.

SAMPLE PREPARATION-

The shoes used in this test had been worn frequently for approximately 7 months. The soles of the shoes were cleaned of any debris once the shoes were no longer worn. The owners wore their own shoes to create the questioned imprints; additionally, the owner of the suspect shoe produced the known imprints on K1d.

KNOWN IMPRINTS (K1a-K1d): Known imprints were created by coating the sole of the shoe with fingerprint ink and producing imprints on office copy paper. The two imprints on K1c were made by rolling the shoe onto paper that was attached to a fingerprinting palm roller (the toe and heel areas were rolled separately, with the heel areas placed above the toe to distinguish these imprints from the K1d set). The two imprints on K1d were made by stepping onto paper. The amount of ink and pressure applied to the shoe was varied to create the imprints in these sets.

QUESTIONED IMPRINTS (Q1-Q9): All questioned imprints were created by coating the soles of the shoes with fingerprint ink and having the owner of the shoes walk naturally across the surface. Q1-Q9 were made on different vinyl tiles.

SAMPLE PACK ASSEMBLY: Once predistribution results were obtained and the test was approved, all sample packs were prepared. For each sample pack, the six photographs were packaged into a pre-labeled manila envelope and then sealed with evidence tape and signed.

VERIFICATION-

Laboratories that conducted the predistribution examination of the images identified imprints Q1, Q6, Q7 and Q9 as belonging to the suspect's shoe and eliminated imprints Q2, Q3, Q4, Q5 and Q8.

Imprints	Shoe Type	Manufacturer	Left/Right	Size (U.S.)
Q1,Q6,Q7,Q9	Running Shoe (Suspect shoe K1)	Nike	Left	9
Q2,Q5,Q8	Running Shoe (Images Not Provided)	Nike	Left	10W
Q3,Q4	Running Shoe (Images Not Provided)	Nike	Right	9

The information presented here is that received from the sample manufacturer. It presents details of the design specification for the test samples and/or details of how they were prepared. This information does not necessarily represent the answers that should or could be obtained from an examination of the sample. Final interpretation of the results should be deferred until the summary report is available.