

DESCRIPTION OF A PILOT HI-TECPOINT PEN

1.0 INTRODUCTION

A pen is a writing instrument that works by applying ink on the surface of a paper. It makes an imprint on the paper surface and this process is used to record information. There are different types of pens such as Ballpoint pen, Gel ink pen, Fountain pen, and Marker pen to name a few. A pen is held over the middle finger with the support of the index finger, for writing.

The Pilot Hi-Tecpoint pen is a needlepoint gel ink pen. It has a stylish and slender look. This pen has a comfort grip that can absorb the pressure associated with extended periods of writing. The ink flow is smooth and the pen is disposable. The individual parts of the Pilot Hi-Tecpoint pen are discussed in the following section.

2.0 PARTS OF THE PILOT HI-TECPOINT PEN

The Pilot Hi-Tecpoint pen is made of three main parts: the ink tip, the body, and the cap.

2.1 THE INK TIP

The ink tip is a small, metallic tip through which ink flows from the main body of the pen to the surface of the paper. The Pilot Hi-Tecpoint pen has a needlepoint tip. It resembles a needle and is located at the lower end of the main body of the pen. The ink tip is 0.3 cm long and less than 1 mm in width. The lower end of the ink tip has a Vent hole to allow air to displace ink in the barrel.

2.2 THE BODY

The Pilot Hi-Tecpoint pen has a plastic body and is light in weight. Starting from the top end the body comprises of a protective cover, main body, comfort grip, and a plastic holder.

2.2.1 PROTECTIVE COVER

This is a black colored protective cover visible in the top view when the Pilot Hi-Techpoint pen is used for writing. It has a round shape. The diameter is 0.8 cm and it extends into the body of the pen 0.1 cm deep.

2.2.2 MAIN BODY

The main body of the Pilot Hi-Techpoint pen is located just below the protective cover. It measures 11 cm in length and 0.8 cm in width. There is a refill with gel ink located inside the main body. The main body is opaque and made of plastic; hence, the refill is not visible.

2.2.3 COMFORT GRIP

The comfort grip is a rubber grip located below the main body and is 1 cm long. It has a slightly tapered structure, as we proceed from the upper end to the lower end. The rubber grip band has a smooth surface.

2.2.4 PLASTIC HOLDER

There is a small plastic holder below the comfort grip. The holder is 0.3 cm in length. It is wide at the top end, but tapers down as we move towards the bottom end. The lower end holds the ink tip.

2.3 THE CAP

The cap is a protective covering for the ink tip when the pen is not in use. It is 5.5 cm in length and has a diameter of 0.8 cm. It has some additional accessories.

2.3.1 CLIP

A clip is a metal clasp attached to a pen cap to keep it firmly in place or in the pocket. The clip is 4.5 cm long and 0.5 cm wide. The clip has a small curve in the upper and lower ends. There is a

small, plastic projection in the upper end of the cap where the clip is fixed.

2.3.2 INNER CAP

The inner cap is a small, plastic cap at the top end of the main cap. The top portion having a diameter of 0.6 cm is visible, whereas its body is embedded in the main cap.

3.0 VISUAL ELEMENTS

The Pilot Hi-Tecpoint pen has some important visual elements as discussed in the following section.

3.1 COLOR

The Pilot Hi-Tecpoint pen is a black gel ink pen. The protective covering and the inner cap are black in color. The cap, the main body of the pen, and the comfort grip has a beige color. The plastic holder that holds the inktip is white in color.

3.2 CHASING

Chasing are decorative patterns impressed into hard, plastic pens. It's also called "Chased design". The main body of the pen has the name "Pilot Hi-Tecpoint" in golden letters. The name "Pilot" is written with golden letters on the cap, just below the metal clip.

4.0 FUNCTIONS

Each individual part of the Pilot Hi-Tecpoint pen performs a specific function.

4.1 INKTIP

The inktip is the main functional unit of the Pilot Hi-Tecpoint pen. It is based on needlepoint technology. When the inktip comes in contact with the writing surface, ink from the main body flows through the inktip and is released on

the writing surface. The Pilot Hi-Techpoint pen has a smooth and consistent ink flow. The gel ink is water resistant, smears proof, and gets dried very quickly.

4.2 BODY

The body is the main supporting unit of the Pilot Hi-Techpoint pen. It has a protective cover that forms a base when the pen is placed on a flat surface. The main body has an ink refill inside it. The body provides support to the hand and fingers. The comfort grip provides a smooth platform to place the pen between index and middle fingers. It eliminates cramps when writing for an extended period of time.

4.3 CAP

The cap forms a protective covering for the Pilot Hi-Techpoint pen. It prevents any damage to the ink tip and protects it from exposure to air. The clip is useful to keep the pen in place or in the pocket. The inner cap keeps the ink tip from being crushed against the inside of the cap and also stops ink leakage.