

Technical Description of the Pilot Corporation 0.4 mm Pilot Pen

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Technical description of the pilot corporation 0.4 mm pilot pen.

History and background of the pilot corporation.

Pilot Pen Corporation was founded in 1918 by Ryosuke Namiki to produce pens and other writing instruments. Today, in 2023, it is the largest pen manufacturer in Japan. In 1915, Namiki, a professor at the Tokyo nautical college, left his job to start the pilot company. He wanted to find the right composition for fountain pens. Namiki initially went on to produce gold open nibs but his products gained traction and he quickly expanded to more diverse products. The company was officially founded in 1918 along with Masao Wada under the name of Namiki manufacturing company (PILOT's 100th anniversary, n.d.). The pilot pen corporation is known for its leadership and innovation when it comes to its products as they continuously introduce new best-selling items to the marketplace. By 1926 pilot had offices in Malaysia, London, Singapore, Boston, and Shanghai (PILOT's 100th anniversary, n.d.). Today, the Pilot pen corporation is internationally recognized as a leader in the pen industry and their products are well known to the public. From Hi-Tec-C gel ink pens, known for ink color variety and sturdy tips, to mechanical pencils and FriXion erasable markers and pens. In their luxury writing instrument space Pilot kept the name of their founder, Namiki, capless fountain pens and Iroshizuku fountain pens are some of the top items named after the founder.

History and background of the 0.4 mm pilot pen.

The Pilot Hi-Tec-C gel pen is an affordable stick pen known for its fine needle-point tip. In 1994 the Hi-Tec-C pen was launched in Japan, ever-since, its popularity has risen, and it is now marketed internationally with multiple variations of the original product. This pen is so

loved that it has won the Good Design Long Life Design Award in 2012 (JetPens, 2022). The outside of this pen is constructed of a clear plastic casing, a front metal cone, and a plastic cap. The inside is kept simple and contains the ink chamber and the revolving tip which are connected for convenience. This pen provides a silky smooth writing experience and allows for flexibility with smaller handwriting. the unique tip design allows for this flexibility. It is composed of a tip with three indentations that support a revolving tip which results in nearly frictionless motion. The ink used in this pen is also unique as it involves a special biopolymer consisting of resin made from microbes such as yeast (JetPens, 2022). As a result of all that, this pen allows for both flexibility and stainless writing.

Product specifications

The pilot 0.44 mm pen is a simple revolving tip pen with a clear plastic cap and outer layer. The tip has 3 indents that support the revolving tip and allow for close-to-frictionless writing. the ink used is specifically made for this pen and leaves few to no smears and stains on the paper due to increased viscosity.

fig(1) Black pilot pen.

(Avraham S, 2023)



the exterior includes.

Cap, which is used to cover the front end of the pen when not in use.

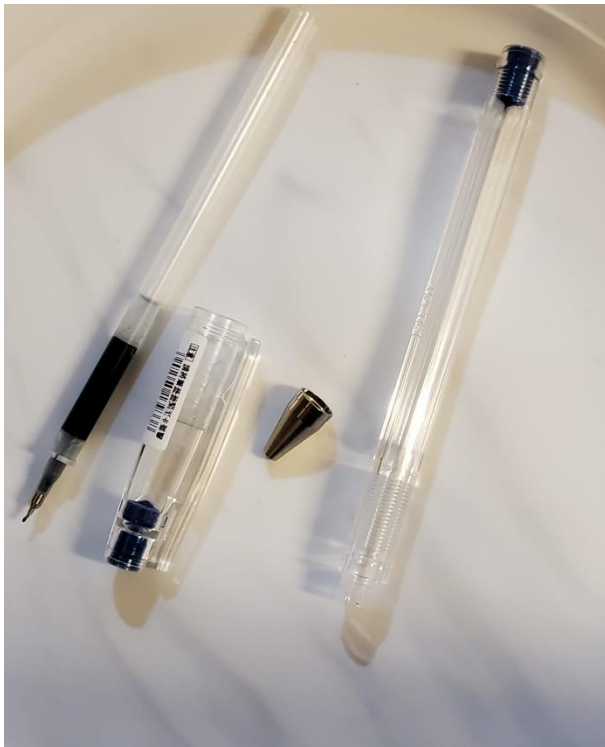
Barrel, which surrounds the entire pen and protects it from the surroundings.

Front metal cone, which is used as the exit hole for the tip and as added protection and convenience.

The interior includes.

Ink chamber, a chamber that holds the ink.

Revolving tip, the part that dispenses the ink onto paper.



Fig(2) disassembled black pilot pen containing all components.

(Avraham S, 2023)

Dimensions and specifics.

Length - Capped	13.6 cm.
Length – Uncapped	12.6 cm.
Tip Size	0.4 mm.
Tip Material	Metal.
Tip Type	Needle Point.
Weight - Barrel	0.25 oz / 7 grams.
Weight - Cap	0.11 oz / 3 grams.
Weight - Whole Pen	0.36 oz / 10 grams.

Citation present in the reference page.

How to use.

This pen is simple to use, one simply has to remove the cap and the pen is ready for use.

It is not designed to carry more than one ink chamber, meaning, once the ink has ran out, it is best to simple get a new pen instead of replacing the ink chamber.

Conclusion

Thank you for considering the 0.4 mm Pilot pen for your personal use. After reading about the Pilot corporation and its product, you know why this product is beneficial for so many purposes. The Pilot corporation was founded in order to create the best fountain pen and

continues to prioritize quality and innovation in all its products. The 0.4 mm Pilot pen is perfect for understandable handwriting as well as neat sketches and a comfortable experience.

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