

## 260mm Gold Panning Pan

# Generic 260mm ABS Lightweight Gold Panning Pan

Instruction Manual

## INTRODUCTION

Thank you for choosing the Generic 260mm ABS Lightweight Gold Panning Pan. This manual provides essential information for the proper use, maintenance, and care of your gold panning equipment. Please read these instructions carefully before use to ensure optimal performance and longevity of your pan.

## PRODUCT OVERVIEW

The Generic 260mm Gold Panning Pan is designed for efficient manual gold recovery. Constructed from lightweight and durable ABS material, it features a shallow riffle design to aid in the separation of gold from other sediments. Its compact size and robust construction make it suitable for various prospecting environments.

- **Material:** Lightweight and durable ABS plastic.
- **Diameter:** Approximately 260mm (10.2 inches).
- **Design:** Shallow riffles for effective material separation.
- **Weight:** Approximately 151g, ensuring ease of handling.



Figure 1: Top-down view of the gold panning pan, showcasing its circular design and central depression.



Figure 2: Side view of the gold panning pan, highlighting the shallow riffles designed to trap heavier materials.



**Diameter: Approx. 260mm / 10.2in**

Figure 3: The gold panning pan with an overlay indicating its approximate diameter of 260mm (10.2 inches).

## SETUP

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The gold panning pan requires minimal setup. Before first use, it is recommended to wash the pan thoroughly with soap and water to remove any manufacturing residues. This ensures that no foreign substances interfere with the panning process.

1. Inspect the pan for any damage or defects.
2. Wash the pan with a mild detergent and rinse thoroughly with clean water.
3. Ensure the pan is free of grease or oil, as these can cause fine gold to float away.

## OPERATING INSTRUCTIONS

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Follow these steps for effective gold panning:

1. **Scoop Material:** Fill the pan with gravel, sand, and dirt from your chosen prospecting site. Do not overfill; about two-thirds full is ideal.
2. **Submerge and Shake:** Submerge the pan in water, ensuring all material is wet. Gently shake the pan from side to side, allowing the water to saturate the material and heavier particles (like gold) to settle to the bottom.
3. **Wash Away Lighter Material:** Tilt the pan slightly forward, allowing water to flow over the edge. Continue to gently shake and swirl the pan, washing away lighter sand, gravel, and clay. The riffles will help trap heavier materials.
4. **Concentrate Heavy Minerals:** As lighter materials are washed away, you will be left with a concentrate of heavier minerals, often including black sands. Continue to carefully wash and swirl, reducing the volume of

material in the pan.

5. **Final Separation:** With a small amount of concentrate remaining, gently swirl the pan in a circular motion, allowing the gold (which is the heaviest) to settle to the very bottom. Carefully tilt the pan and wash away the remaining black sands, leaving the gold at the bottom of the riffles or in the pan's center.
6. **Collect Gold:** Use tweezers, a snuffer bottle, or a small magnet (for magnetic black sands) to collect the recovered gold.



Figure 4: An example of the gold panning process, demonstrating how water and material are swirled to separate gold.



Figure 5: A prospector demonstrating the use of a gold panning pan in a natural water source.

## MAINTENANCE

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Proper maintenance will extend the life of your gold panning pan:

- **Cleaning:** After each use, rinse the pan thoroughly with clean water to remove all dirt and sediment.
- **Storage:** Store the pan in a cool, dry place away from direct sunlight to prevent material degradation.
- **Avoid Harsh Chemicals:** Do not use abrasive cleaners or harsh chemicals, as these can damage the ABS material.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Losing fine gold	Too much water, too vigorous shaking, or greasy pan.	Use less water, shake more gently, and ensure the pan is clean and free of grease.

Problem	Possible Cause	Solution
Difficulty separating material	Overfilling the pan, insufficient water, or incorrect technique.	Fill the pan two-thirds full, ensure adequate water, and practice the swirling motion.
Pan feels slippery	Residue from oils or detergents.	Wash the pan thoroughly with plain water and scrub with sand if necessary to remove any film.

## SPECIFICATIONS

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- **Brand:** Generic
- **Model:** 260mm Gold Panning Pan
- **Material:** ABS Plastic
- **Diameter:** Approximately 260 mm (10.2 inches)
- **Product Weight:** Approximately 151 g
- **ASIN:** B0D49ZHJS4
- **Available Since:** May 16, 2024

## WARRANTY INFORMATION

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This product is covered by a standard manufacturer's warranty against defects in materials and workmanship. Please retain your proof of purchase for any warranty claims. For specific warranty terms and conditions, refer to the documentation provided at the time of purchase or contact your retailer.

## SUPPORT

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For further assistance, technical support, or inquiries regarding your Generic 260mm ABS Lightweight Gold Panning Pan, please contact the retailer from whom you purchased the product. They will be able to provide the most accurate and timely support.