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> Cintropur Filter Sleeve Instruction Manual for NW500, NW650, NW800 (50 Microns)

Cintropur TF6550

Cintropur Filter Sleeve Instruction Manual

For NW500, NW650, NW800 Filters (50 Microns)

1. PRODUCT OVERVIEW

The Cintropur 50-micron filter sleeve (Model TF6550) is a high-quality microfibre component designed for use with Cintropur NW500, NW650, and NW800 water filters. Its primary function is to effectively remove solid particles and impurities from water, ensuring a clean and healthy water supply for various domestic applications, including rainwater, well water, and municipal water networks.

Each package contains 5 filter sleeves, providing a reliable solution for maintaining your water filtration system.



Image 1: Packaging of Cintropur 50-micron filter sleeves, showing a pack of 5 sleeves.



Image 2: Cintropur filter sleeve packaging, highlighting compatibility with NW500, NW650, and NW800 filter models.

2. SETUP AND INSTALLATION

This section outlines the general procedure for installing or replacing a Cintropur filter sleeve. Always refer to your specific Cintropur NW500, NW650, or NW800 filter manual for detailed instructions and safety precautions.

1. **Prepare the Filter System:** Turn off the main water supply to the filter system and depressurize the system by opening a nearby tap.
2. **Open the Filter Housing:** Carefully unscrew or unclamp the filter housing according to your filter model's instructions. Be prepared for some residual water to drain.
3. **Remove Old Sleeve:** Remove the used filter sleeve from its support. Dispose of the old sleeve responsibly.
4. **Clean Housing (Optional but Recommended):** Clean the inside of the filter housing and the filter support with a soft brush and clean water to remove any accumulated sediment.
5. **Install New Sleeve:** Slide the new Cintropur 50-micron filter sleeve onto the filter support. Ensure it is seated correctly and fully covers the support.



Image 3: A Cintropur filter sleeve shown on a PVC support. Please note that the PVC support is not included with the filter sleeves and is for illustrative purposes only.

6. **Reassemble Housing:** Carefully place the filter housing back onto the filter head and secure it. Ensure the O-ring is properly seated to prevent leaks.
7. **Restore Water Supply:** Slowly turn on the main water supply. Check for any leaks around the filter housing.
8. **Flush the System:** Open a downstream tap to flush the system for a few minutes until the water runs clear and any trapped air is released.

3. OPERATION

Once installed, the Cintropur filter sleeve operates passively as part of your water filtration system. Water flows through the microfibre material, and particles larger than 50 microns are physically trapped, preventing them from passing through. This mechanical filtration process effectively removes sand, mud, rust, algae, and other sediments.

The filter sleeves are suitable for various water sources, including:

- Rainwater collection systems

- Well water systems
- Municipal tap water systems

Regular monitoring of water flow and pressure can indicate the need for filter sleeve replacement.

4. MAINTENANCE

Effective maintenance of your Cintropur filter system primarily involves the timely replacement of the filter sleeve. The recommended lifespan for a Cintropur filter sleeve is approximately **one year**, though this can vary depending on water quality and usage volume.

Replacement Schedule:

- Replace the filter sleeve at least once a year.
- Consider more frequent replacement if you observe a noticeable decrease in water pressure or flow, or if the water quality deteriorates.
- Regular replacement helps protect your plumbing network and production machinery by preventing sediment buildup, thereby reducing maintenance costs and extending equipment lifespan.

The replacement process is straightforward, as detailed in the "Setup and Installation" section.

5. TROUBLESHOOTING

As a passive filtration component, the Cintropur filter sleeve itself does not typically malfunction. Most issues related to water filtration systems are due to improper installation or a clogged filter sleeve.

Common Issues and Solutions:

- **Reduced Water Flow/Pressure:**
 - *Cause:* Clogged filter sleeve due to accumulated sediment.
 - *Solution:* Replace the filter sleeve. Ensure the new sleeve is correctly installed.
- **Water Leaks from Filter Housing:**
 - *Cause:* Improperly sealed filter housing or damaged O-ring.
 - *Solution:* Turn off water, depressurize, open housing, check O-ring for damage or misalignment. Reassemble carefully, ensuring a tight seal. Replace O-ring if damaged.
- **Visible Particles in Filtered Water:**
 - *Cause:* Filter sleeve is damaged, improperly installed, or bypass is occurring.
 - *Solution:* Inspect the filter sleeve for tears or damage. Reinstall the sleeve, ensuring it is fully seated. Check the filter housing for any bypass issues.

If problems persist after following these steps, consult a qualified plumber or contact Cintropur customer support.

6. SPECIFICATIONS

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| Brand | Cintropur |
| Model Number | TF6550 |

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| Filtration Finesse | 50 microns (µm) |
| Material | Microfibre (Synthetic Fibers) |
| Compatibility | Cintropur NW500, NW650, NW800 filters |
| Package Contents | 5 filter sleeves |
| Approximate Weight (Package) | 1 Kilogram |
| Special Feature | Environmentally friendly |
| Recommended Lifespan | 1 year |

7. WARRANTY AND SUPPORT

Information regarding specific product warranties or spare parts availability is not provided in this manual. For warranty claims, technical support, or inquiries about spare parts, please contact your original point of purchase or refer to the official Cintropur website for the most current information.

Always ensure you are using genuine Cintropur replacement parts to maintain the performance and validity of your filter system's warranty.

