

MACHEREY-NAGEL 702113

MACHEREY-NAGEL N13 Screw Cap Instruction Manual

MODEL: 702113

1. Product Overview

The MACHEREY-NAGEL 702113 Screw Cap is a high-quality N13 polypropylene cap designed for secure sealing in various laboratory applications. This cap features a bonded silicone white/PTFE blue septum, offering excellent chemical resistance and sealing properties. It is suitable for both open and closed top applications and comes in a pack of 100 pieces.

Key features include:

- Available with a broad variety of septa materials, specifically high purity silicone/PTFE septa for demanding analyses.
- Designed for routine analyses, ensuring reliable performance.
- Packaged conveniently in a resalable zip-lock bag for easy storage and access.



This image displays two views of the MACHEREY-NAGEL N13 Screw Cap. On the left, an open cap reveals the blue PTFE/Silicone septum lining the inside. On the right, the cap is shown in its closed, top-down view, highlighting its ribbed exterior for grip.

2. Setup and Preparation

The MACHEREY-NAGEL N13 Screw Caps are ready for immediate use upon removal from their packaging. No assembly is required. Ensure that the vials or containers you intend to use with these caps are compatible with N13 thread sizes.

- Inspect each cap for any visible damage or defects before use.
- Ensure the septum is properly seated within the cap.
- For critical applications, it is recommended to handle caps with clean gloves to prevent contamination.

3. Operating Instructions

To achieve an optimal seal, follow these steps:

1. Place the cap squarely onto the threaded neck of the compatible vial or container.
2. Turn the cap clockwise to engage the threads.

- 3. Tighten the cap firmly by hand until a secure seal is achieved. Avoid overtightening, which can damage the cap or vial threads.
- 4. For applications requiring piercing, ensure the needle or probe is sharp and appropriately sized for the septum material to minimize coring.

4. Maintenance and Storage

Proper maintenance and storage will ensure the longevity and performance of your screw caps.

- **Cleaning:** These caps are generally single-use for most laboratory applications. If reuse is considered for non-critical applications, ensure thorough cleaning with appropriate laboratory detergents and rinse with deionized water. Verify chemical compatibility before cleaning.
- **Storage:** Store unused caps in their original resalable zip-lock bag in a cool, dry place, away from direct sunlight and extreme temperatures. This helps prevent degradation of the polypropylene and septum materials.
- **Disposal:** Dispose of used caps according to local laboratory waste disposal regulations.

5. Troubleshooting

If you encounter issues with sealing or performance, consider the following:



- **Leaking Cap:**
 - Ensure the cap is tightened sufficiently.
 - Check for damage to the cap threads or the vial neck.
 - Verify that the septum is correctly seated within the cap and is not damaged.
 - Confirm compatibility between the cap and the vial (N13 thread size).
- **Difficulty in Sealing:**
 - Ensure no debris is present on the cap or vial threads.
 - Check for cross-threading; unscrew and re-thread carefully.
- **Septum Damage (after piercing):**
 - Use a sharp, appropriate gauge needle for piercing.
 - Minimize the number of punctures if possible.

6. Specifications

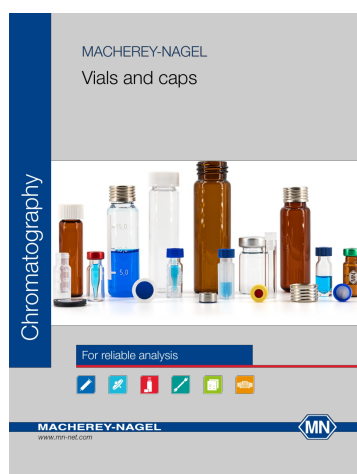
Attribute	Value
Model Number	702113
Brand	MACHEREY-NAGEL
Cap Type	Screw Cap, N13
Material	Polypropylene
Septum Material	Silicone White/PTFE Blue (Bonded)
Septum Hardness	55° Shore A

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Detailed guide for the visocolor HE Phosphate test kit, covering its method, procedure, specifications, and handling for determining phosphate levels in water from 0.05 to 1.0 mg/L P.

	<p>Säkerhetsdatablad för Buffer ELU-EF (900 mL) - MACHEREY-NAGEL</p> <p>Säkerhetsdatablad för Buffer ELU-EF (900 mL) från MACHEREY-NAGEL, innehållande information om klassificering, hantering, lagring och transport. Produkt för analytiska ändamål.</p>
	<p>MACHEREY-NAGEL Alkylation Kit (REF 701951) - Safety Data Sheet</p> <p>Safety Data Sheet for the MACHEREY-NAGEL Alkylation Kit (REF 701951), providing comprehensive information on identification, hazards, composition, first aid, handling, storage, and disposal.</p>

Documents - MACHEREY-NAGEL – 702113



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Chromatography MACHEREY-NAGEL Vials and caps For reliable analysis

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Chromatographie MACHEREY-NAGEL Flaschen und Verschlüsse Fr eine sichere

Analyse wwwwww.m.mn-nn-ente. ... E Beutel Fertig montierte Schraubverschlüsse N13, leere Schraubkappen N13, einzelne Septen N12 REF **702113** Darstellung 1:1,6

Kappenbeschreibung N13 PP gebondete* Schraubkappe, wei, geschlossen Se...

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