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Preparation, Separation,
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MERCK

Safe Lid for MAS-100 NT® Always at your disposal



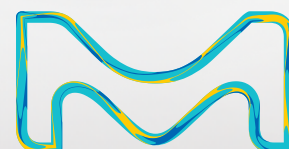
Safe Lid for MAS-100 NT®

is a disposable alternative to the autoclavable standard perforated lid made from aluminum (ref. 1.09195). It is made of 100% recyclable acrylonitrile butadiene styrene (ABS) and comes in 30 individually double-packed and sterilized pieces per package.



Learn more
SigmaAldrich.com/safe-lid

The Life Science business of Merck operates as MilliporeSigma in the U.S. and Canada.





The Safe Lid has the same sieve configuration as the standard perforated lid with 300 holes of 0.6 mm diameter.

This ensures an identical impact velocity of 19.6 m/s and a nominal d50 of 1.1 µm.

The simplified validation of the recovery rates according to EN 17141 resulted in comparable values for both perforated lids.

Key benefits of the Safe Lid for MAS-100 NT®

Time saving

- Thanks to the ready-to-use and sterile format, no daily autoclaving process is required.
- The non-twisting closure allows a quick exchange of lids and supports robotic handling.

Safety

- The prevention of cross-contamination during transfer into cleanrooms is ensured by the individual double packaging.
- Sterility prevents false positives.
- Single use followed by disposal minimizes the risk of exposure to potentially toxic airborne substances.

Performance

- Collection efficiency of ISO 14698 validated MAS-100 NT® is comparable between standard perforated lids and Safe Lid (verified by a validation method described in the EN17141).
- Reproducible results thanks to 100% visual, camera-based inspection of the holes.
- By using the Safe Lid, at least 10% more samples can be taken per battery charge.

Compatibility

- If used multiple times during one shift, the Safe Lid can be treated with a wide range of disinfectants, including sporicidal agents.
- Can be used with MAS-100 NT® air samplers and its accessories such as dust cover and MAS-100 Regulus® calibration tool.
- Suitable for 90 mm Petri dishes.

Data Integrity

- Enable tracking for digital data analysis and trending based on individual GS1 barcode.



Ordering information:

Product Description	Package content	Order number
Safe Lid for MAS-100 NT®	30 x individually double-bagged perforated lids	1174210030

To place an order or receive technical assistance

Order/Customer Service:
[SigmaAldrich.com/order](https://sigmaaldrich.com/order)
 Technical Service:
[SigmaAldrich.com/techservice](https://sigmaaldrich.com/techservice)

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