

Noiseflex® MH is a flexible, open-cell foam made of melamine resin, a thermosetting plastic in the aminoplast group. Its typical characteristic is the filigree, three-dimensional network structure formed by slender webs.

Physical properties:

Noiseflex® MH is chemically resistant to a wide range of substances. It is free from halogenated hydrocarbons.

However, it should be noted that, like wood, Noiseflex® MH absorbs water and thus changes its volume.

Technical data:

Colours	grey and white	
Temperature stability (long-term service temperature)	max. 80 °C	self-adhesive version
Thermal conductivity (temperature-dependent)	$\lambda \leq 0.04 \text{ W / m}\cdot\text{K}$	DIN EN 12667
Fire behaviour	Building material class B1 flame retardant	DIN 4102 – 1



Versions:

1. Standard as Noiseflex® la ola MH
2. As Noiseflex® la ola MH with self-adhesive coating

Standardgrößen:

Length x width: 1000 x 500 mm
Height: 30 mm und 50 mm

Both standard sizes also with phase for visually appealing joint of the elements in the visible area. Other designs and dimensions are available on request. Please enquire specifically.

Processing notes:

For full-surface bonding of Noiseflex® la ola MH to walls and ceilings, we recommend our BOSIG acoustic adhesive. Please observe the information in the technical data sheets and application notes for BOSIG acoustic adhesive, in particular install Noiseflex® la ola MH with uninterrupted joints, without offset or with a 10 to 20 mm wide shadow gap to achieve optimum appearance.

Please note that the boards will show cuts, especially on the back, due to the brittle properties of the melamine resin foam.

Attention! Important Note:

Above information are based on best present knowledge of current technology, but do not guarantee faultless processing of our products. The information is based on practical results of our tests, but is not binding and does not constitute warranties of characteristics in terms of Federal Supreme Court jurisdiction. Our information does not constitute a legally binding assurance of certain properties or suitability for a specific purpose. Supplementary information by our specialists are merely recommendations, for which no liability is accepted.

Due to the many possible applications of our products, we recommend subjecting the project to a thorough suitability test on original materials before release for further application.

Since our information are non-binding we do not warranty their correctness. For this reason we accept no liability for possible improper processing based on information submitted by our employees.

This technical data sheet replaces all previous versions and is valid until a new version is issued, or until Dec. 31, 2024. Please request the latest version after Jan. 01, 2025.

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