

Noiseflex® sound absorbers (e.g. Noiseflex® Cubes or ceiling canopies) may be suspended from the ceiling at variable height using Noiseflex® suspension sets. The following suspension sets are available (other suspension heights on request):

Set 1: (Article no. 1920100)

Nylon wire 1.5 m with hook
Set consisting of:
Nylon wire inclusive loop and hook
Diameter: 1.5 mm
Length: 1500 mm
Suspension height up to 1.5 m



Set 2: (Article no. 1920101)

Wire rope 1.5 m with hook
Set consisting of:
Wire rope inclusive loop and hook
Diameter: 1.5 mm
Length: 1500 mm
Suspension height up to 1.5 m



Set Express: (Article no. 1920110)

Express hanger loop 2 m wire rope
Set consisting of:
Wire rope inclusive
1x variable loop and 1x fixed loop
Diameter: 1,5 mm
Length: 2000 mm



Set Hinge (1920111)

Hinge suspension with 2 m wire rope
Wire rope inclusive 1 x hinge fastener and decoration ending M5 ceiling closure, shiny metal work
Suspension system for Noiseflex dividing wall S (blind rivet nut) and for assembling frame C and hollow profile (on the rear side ceiling canopy slot nut)



Wire Spiral (1920003)

Wire spiral – spring –hook



Installation instructions:

Adequate load-bearing capacity of the ceiling is a prerequisite to safe installation. The fastening method to the ceiling (screw plug, hook, etc.) depends on the ceiling construction (concrete, gypsum board, etc.). The wire rope is hooked to the ceiling hook by the cable eye or nylon wire lug. To attach the adjustable hook, the end of the wire rope is pushed into the hook against the slight resistance of the spring-loaded bush. The hook may now be pushed up to the desired length. It will grip when loaded. Ensure that the rope is pushed onto the hook at least until it emerges at the lower end of the hook. Sound absorbers may be suspended after clamping the hook at the desired height on the rope. To shift the hook up or down the rope, press the bush into the hook to relieve the load. The hook may then be shifted to any position along the rope.

Storage:

Store Noiseflex® MH formed parts in a dry place. Before application, store the formed parts for three, better still five, days in a standard climate or in the climate of the application. The reason behind this is the sorption properties of melamine resin. The dimensions of the parts will change as they absorb or adsorb moisture.

Notes:

- The suspension sets are not suitable for exterior use
- Do not damage the ropes
- Check the bush in the hook for noticeable spring pressure before using
- The ropes must be free of grease, oil and rust to ensure reliable support of the load
- The wire rope end must be closed (tin coating, shrink sleeving)
- Only static loads may be suspended
- The rope exit angle from the bush must not exceed 10 °

Installation examples

Suspension set with adjustable hooks (example set 1, article no. 1920100)



Set Express / Set Hinge



Set Hinge: Hinge suspension with 2 m wire rope



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.

Dr. Hermann, Anwendungstechnik / Application Technology, Gingen / Fils