

Product description

The sound absorbing element comprises a special combination of materials which was developed for an excellent airborne sound absorption. A polyurethane foam which is mainly open-celled, has a surface which is sealed against sound and converts sound energy into heat with the smallest material densities as a result of friction taking place in the cell framework (→Absorption).

Please note that materials with a lower absorption reduce the insulation of your capsule!

Product properties

The 25µ thin polyurethane surface skin is resistant to soiling and splash water. The material is widely resistant to petrol and engine oil splashes and is easy to clean. The surface sealing protects from mechanical damage. Excellent ageing properties.

Applications

All areas in the capsule construction, mechanical engineering and commercial vehicle sectors, where mechanical stress and loads resulting from oil or petrol splashes exist. For lining in order to achieve a high level of absorption.

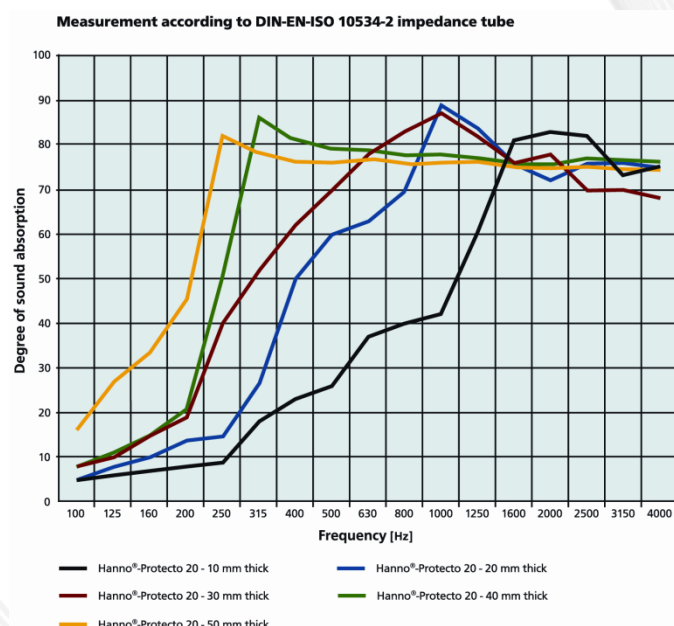
Form of Delivery

On a roll 1000 mm working width, sheets, strips, stampings with a self-adhesive coating.

Thickness: 10, 20, 30, 40 and 50mm (special measurements upon request).

Processing

Only adhere it to dry, grease-free, clean substrates. Press the surface area on well. You can easily adapt the material and cut it to size with a sharp knife.



Technical data

Colour	-	foam: anthracite, surface: black or medical grey
Fire behaviour	DIN 75200 FMVSS 302	B<100 mm/min SE/NBR (13 mm)
Temperature stability	-	-40°C to +100°C, higher on short term.
Environmental aspect	-	contains no fibres, foamed without use of CFC, physiologically safe
Storage	-	cool and dry, 6 months

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Hanno®-Protecto 20

Special Instructions

Materials with a soft foam structure tend to be subjected to dimensional changes when being processed (punching, cutting, pressing, wrapping, inserting, etc.). Generally speaking, the dimension tolerances of DIN 7715-P3 can be adhered to. Please contact our customer service if you have special demands concerning the dimensional accuracy

Cleaning

No significant soiling by the material is to be expected. Clean skin with soap and water. Adhesive residue can be removed with petroleum-based cleaning agent. Observe safety instructions.

Disposal

Hanno®-Protecto 20 can be disposed of with the household waste. Observe local regulations.

Safety instructions

On the basis of existing data and experience, the product is not hazardous material in the sense of the hazardous materials regulations and the corresponding EC directives. However, we recommend that you take the same care and use the same hygiene as with chemical materials.

Limitation of liability

Our general terms and conditions of sale with warranty conditions, which you can refer to at www.hanno.com, apply. This datasheet provides non-binding information without guarantee. The stipulated instructions for use are to be adapted to the respective conditions. The user is obligated to check the suitability and applicability through their own testing in order to avoid failures for which we assume no liability. Subject to technical changes.

You can request the latest version of this datasheet at info@hanno.com.

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