

Technical Data Sheet

Hanno[®]-Protecto 51

Product Description

The wideband absorber with an excellent hydrolysis resistance 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 (→Absorption).

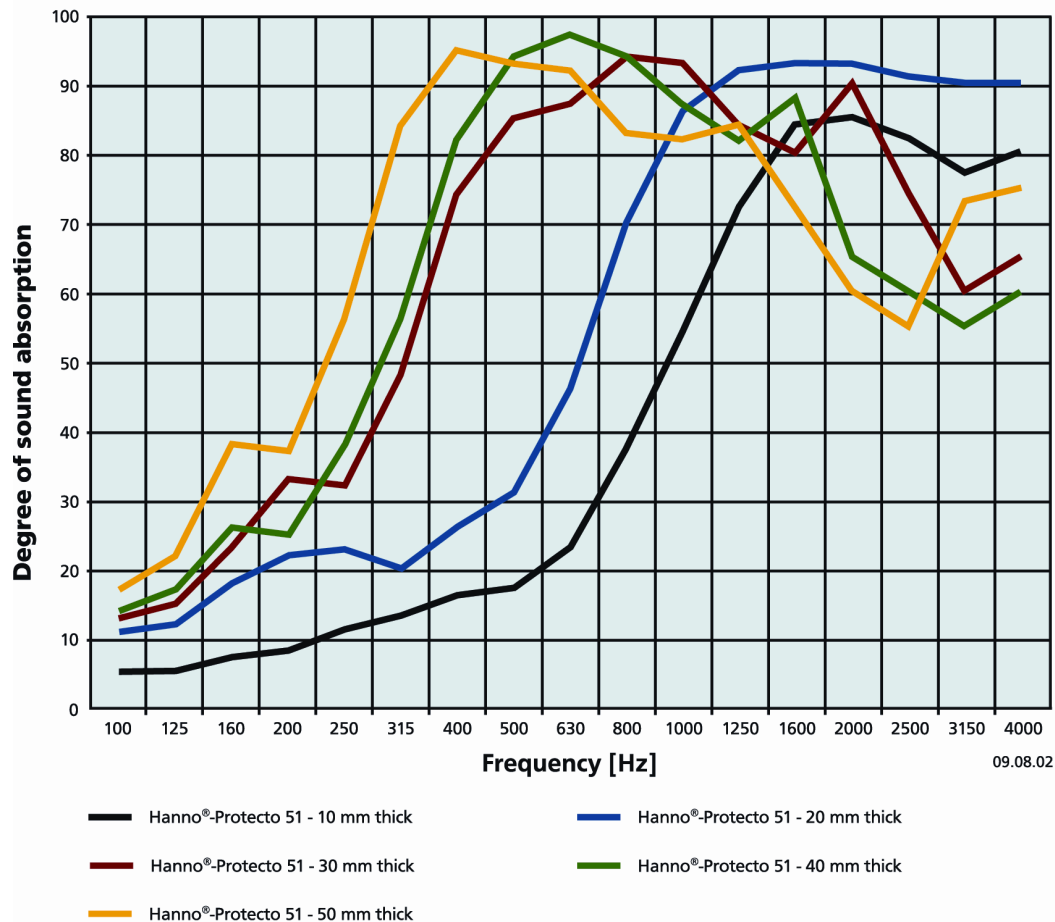
Please note that materials with a lower absorption reduce the insulation of your capsule!

Product Properties

The fleece surface 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.



Measurement according to DIN-EN-ISO 10534-2 impedance tube



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Areas of Application

All areas in the capsule construction, mechanical engineering and commercial vehicle sectors.
For the lining of appliances in order to achieve a high level of absorption.

Handling

Only adhere it to substrates which are dry, clean, capable of bearing and contain no separating agents. You can easily adapt the material and cut it to size with a sharp knife.

Form of Delivery

On a roll 1000 mm working width, sheets, blanks, stampings with a self-adhesive coating.
Densities: 10, 20, 30, 40 and 50mm (special measurements upon request).

Technical Data

Colour	anthracite, surface: black
Fire behaviour DIN 75200, bzw. FMVSS 302	<100 mm/min
Temperature stability:	-40°C to +100°C, temporarily higher.
Environmental aspect:	foamed without use of CFC, physiologically safe.
Storage:	cool and dry, 6 months

Safety Instructions

In view of the existing data and experience, the product is not hazardous material in the meaning of the Hazardous Material Regulations and the corresponding EC directives. We recommend however that you take the same care and use the same hygiene as is customary with working materials.

Guarantee Instructions

This data sheet provides non-binding information without the assumption of a guarantee. The stipulated instructions for use are to be adapted to the given conditions. The user is obligated to validating the suitability and application possibility of the product by testing it himself, so as to avoid failures for which we assume no liability. The right to make technical changes are reserved. You will find the latest version of this datasheet under www.hanno.com.