

Technical Data Sheet

Hanno®-Protecto 20

Product Description

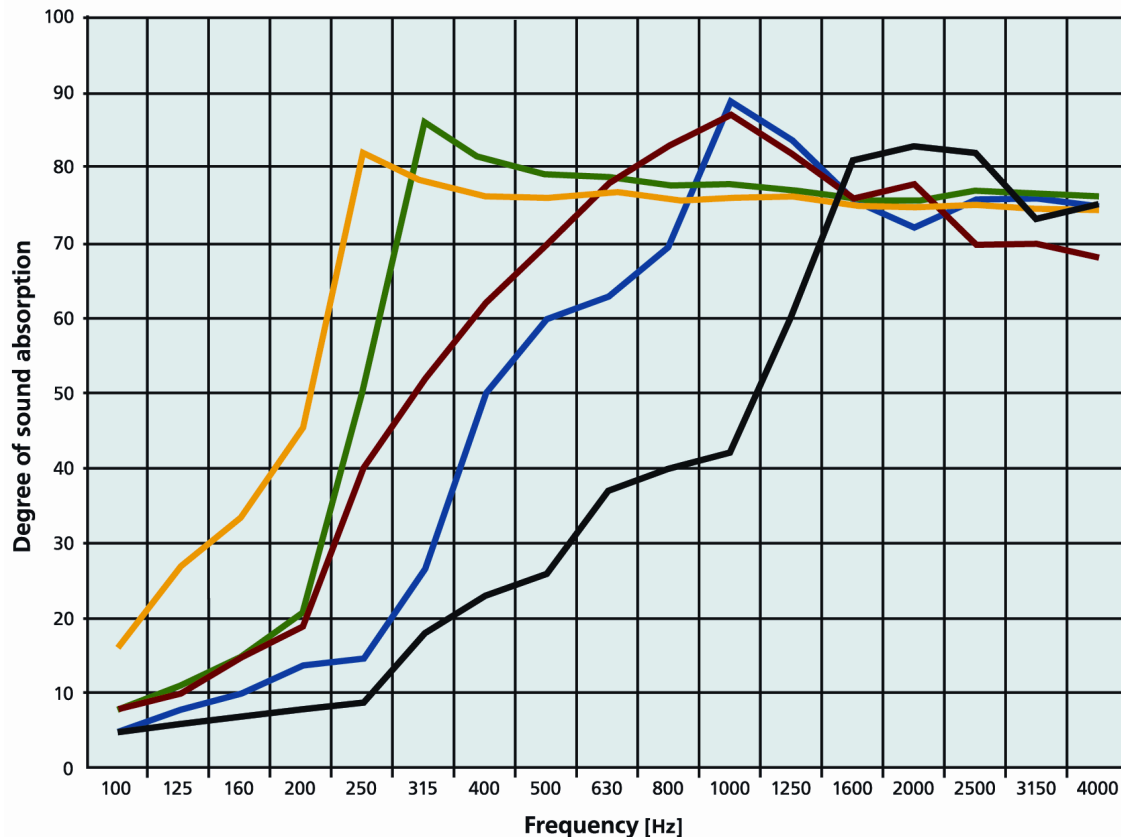
The sound absorbing element comprises a special combination of materials which was developed for an excellent airborne sound absorption. A polyurethane foam which is mainly open-celled, has a surface which is sealed against sound and converts sound energy into heat with the smallest material densities 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 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.

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, where mechanical stress and loads resulting from oil or petrol splashes exist. For lining in order to achieve a high level of absorption.

Handling

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.

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	foam: anthracite, surface: black, medical grey
Fire behaviour DIN 75200 FMVSS 302	B<100 mm/min SE/NBR (13 mm)
Temperature stability:	-40°C to +100°C, temporarily higher.
Environmental aspect:	contains no fibres, 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 chemical materials.

Special Instructions

None

Restriction of liability

Our General Terms and Conditions of Sales with the warranty conditions which you can refer to at www.hanno.com, have validity. 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.