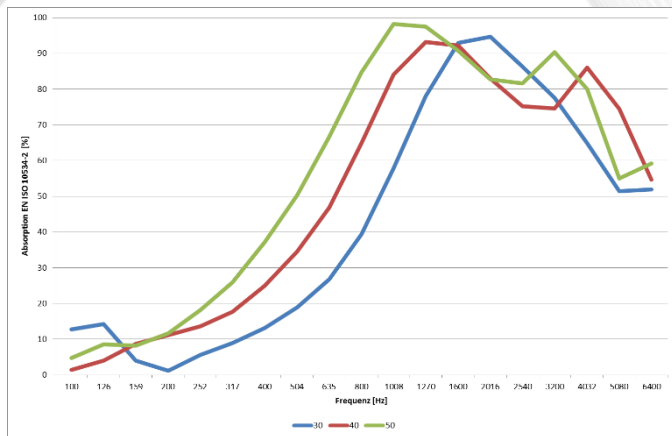


Product description

The sound insulating element consists of a special hydrophobic polyester fleece material with very high airborne sound absorption with aluminum foil lamination.

Product properties

100 % polyester fiber fleece, Very good acoustic properties, Good ultraviolet resistance, Rot resistant, With hydrophobic and oleophobic finish, Surface alumina



Applications

Technical problem solutions in

- automotive industry
- rail
- machine building and
- apparatus construction

Form of Delivery

Cut, punched elements, Self-adhesive (pressure-sensitive acrylate adhesive), Available in 10 to 50 mm thickness, Also available without aluminium lamination as → Hanno[®]-Fiber 23H

Processing

Install only on dry, grease-free, clean surfaces; press full surface firmly in contact. Using a sharp knife, you can cut the material easily to the size you need.

Cleaning

The material does not produce any extensive contamination. Small amounts of adhesive from parts with self-adhesive finish can be removed with petrol. The safety requirements of the cleaner must be observed.

Technical data

Colour	-	grey
Composition	-	100% PES hydrophobic, laminated with alumina Al-Thickness 50µm, incl. embossing ca. 250µm PSA (acrylate)
Density	-	23 kg/m ³
Fire behaviour	DIN 4102 / EN 13501 DIN 75200/FMVSS 302 EN 45545	B2 / class E < 100 mm/min / SE R1-HL3 (15kg/m ³ -30kg/m ³), Exova*, 2015-2253 & 2014-2185
Storage conditions	-	5-30°C, 12 months - do not expose to direct sunlight.
Processing	-	15-30°C

* Exova: Exova Warringtonfire, Frankfurt

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Hanno[®]-Fiber 23H AL

Environment and disposal

Hanno[®]-Fiber 23H AL SK can be disposed of as household waste in landfills or waste incineration plants. Local waste disposal regulations must be observed.

Notes

Fleece-type materials tend to change their dimension when punched, cut, pressed, wrapped, installed, etc. Generally, the dimensional tolerance of DIN 7715-P3 can be maintained. If special requirements on the dimensional stability are important, please contact our customer service team.

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. Suitable measures are to be taken in order to ensure that the result dust is not inhaled.

Restriction of liability

Our General Terms and Conditions of Sales with the warranty conditions which you can refer to at **www.hanno.com**, apply. This data sheet provides non-binding information without the assurance of 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 is reserved.

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

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