

Product Description

Polyethylene foam, closed-cells, chemically cross-linked.

Product Properties

- Very good thermal insulation
- High mechanical strength
- Airtight

Applications

- Machine encapsulation
- Thermal insulation

Form of Delivery

- Plates
- Cut-outs
- Stamped parts (dimensions on request)
- Can be provided self adhesive

Processing

Only apply on dry, grease-free, clean surfaces. Press surface well. Hanno®-PE 33 P is easily punchable and cuttable. You can easily adapt the material and cut it with a sharp knife.

Technical Data

Property	Standard	Value
Color	–	Grey
Bulk density	DIN EN ISO 845	37 kg/m ³ ± 5 kg/m ³
Tensile strength	DIN EN ISO 1798	> 200 kPa
Elongation at break	DIN EN ISO 1798	≥100 %
Compression Set	DIN EN ISO 1856	≤ 10% (25%/23°C/22h,0,5h)
Compressive Strength	DIN EN ISO 844	52 kPa (10%) 66 kPa (25%)
Thermal Conductivity	ISO 2581	0,036 W/m K (10°C)
Temperature range	–	-30 bis +85°C
Flammability	FMVSS 302 / ISO 3795	<100 mm/min

Special Instructions

Materials with foam structure tend to undergo dimensional changes during processing (punching, cutting, pressing, winding, installation, etc.). In general, the dimensional tolerances of DIN 7715-P3 can be met. For special requirements regarding dimensional accuracy, please contact our customer service.

Do not expose to free weathering, permanently humid and UV conditions.

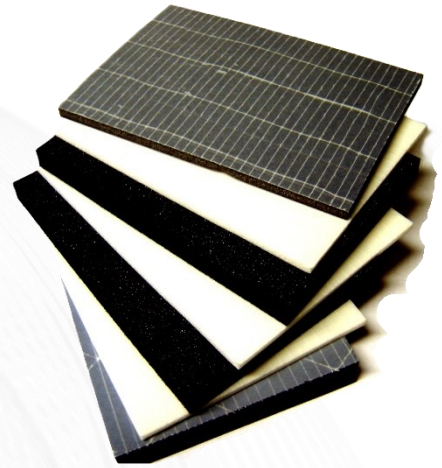
Hanno®-PE 37 C is a development product for which complete tests are not available. The technical data is based on manufacturer information. Availability is subject to technical examination and feasibility for the desired dimensions. Technical changes are possible during further development activities.

Cleaning

No significant contamination from the material is expected. Adhesive residue on self-adhesive parts can be removed with gasoline if necessary. Safety regulations for the cleaning agent used must be observed.

Environment, Disposal and Safety

Based on existing data and experience, the product is not classified as a hazardous substance under the Hazardous Substances Regulation and corresponding EC directives. However, we recommend observing the usual care and hygiene practices for handling chemical substances. Residues can be disposed of with household waste. Local regulations must be observed.



The product complies with the following directives, or meets the required application restrictions: 1907/2006 (REACH), 2011/65 (RoHS2), 2015/863 (RoHS3), 2019/1021 (POP), 517/2014 (Greenhouse Gases), 2024/590 (Ozone Layer Depletion).

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. In case of discrepancies, the German version shall prevail.

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

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