

## Product Description

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

## Product Properties

- Very good hydrolysis resistance
- Very good chemical resistance
- Airtight

## Applications

- Machine encapsulation
- Thermal insulation
- Sealings

## 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	-	black
Bulk density	DIN EN ISO 845	33 kg/m <sup>3</sup> ± 4 kg/m <sup>3</sup>
Tensile strength	DIN EN ISO 1798	~ 190 kPa
Elongation at break	DIN EN ISO 1798	~115 %
Compression Set	DIN EN ISO 1856	≤ 15% (25%/23°C/22h,0,5h)
Compression Strength	DIN EN ISO 3368-1	~40 (10%), ~55 kPa (25%), ~105 kPa (50%)
Temperature range	-	-30 bis +85°C
Thermal Conductivity	ISO 2581	0,036 W/m K (10°C)
Flammability	FMVSS 302 / ISO 3795	≤ 100 mm/min

## Special Instructions

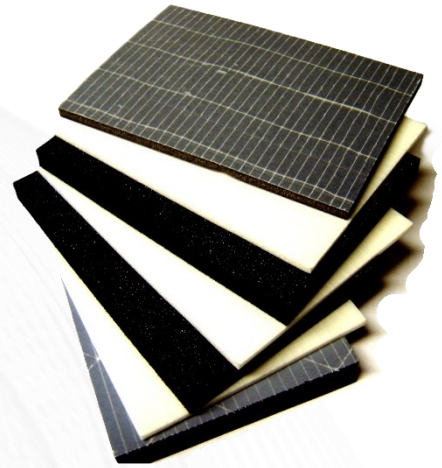
Materials with foam structure tend to undergo dimensional changes during processing (punching, cutting, pressing, winding, installation, etc.). In general, the dimensional tolerances of DIN 7715-P3 can be met. For special requirements regarding dimensional accuracy, please contact our customer service.

## 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.



# Hanno<sup>®</sup>-PE 33 C



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), GADSL.

## Limitation of liability

Our general terms and conditions of sale with warranty conditions, which you can refer to at [www.hanno.com](http://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](mailto:info@hanno.com).

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