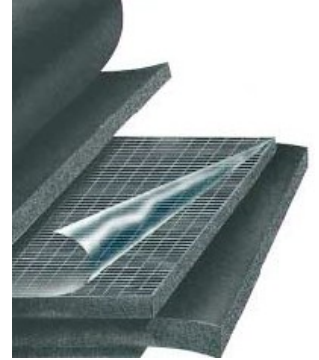


## Product Description

Closed-cell, soft and elastic cellular rubber based on EPDM rubber with particularly good weathering and ozone resistance.

## Product Properties

- Good sealing performance
- Very good chemical resistance \*\*



Medium	Rating	Medium	Rating
Acids		Lye	
weak	+	weak	+
Alaun, aqueous	+	Laundry Detergent	+
more focused	o	Ammoniak (kalt)	+
Nitric acid	-	more focused	o
Sulfuric acid	-	Other Chemicals	
Alcohol		Antifreeze / Glycol	+
Ethanol	+	Carbon dioxide	+
Methanol	+	Ozone	+
Hydrocarbons		Silicone oil and grease	+
Fuels	-	Chlorine gases	o
Oils/Fats	-	Water	+
Heating oil	-	Water vapor	+
Test Gasoline	-	Seawater	+
Nitro Thinner	-	Carbon dioxide	+
Brake fluid	+	Photochemicals	+
Solvent	-	Chlorinated lime (aqueous, w%)	+
**Chemical resistance: + = resistant, o = suitable under certain conditions, - = not suitable			

## Form of Delivery

- Sheets
- Strips
- Stamped parts
- Blanks
- Self-adhesive, removable

## Processing

Apply only to dry, grease-free, clean surfaces. Press the surface down firmly. You can easily adjust the material and cut it to size with a sharp knife.

## Applications

- Automotive Industry
- Aviation Technology
- Plumbing Technology
- Ventilation and Air Conditioning Systems

## Special Instructions

All materials containing closed cells tend to shrink to some extent during processing and/or under operating conditions. The degree of shrinkage depends on the type of material, density, temperature, duration of exposure, part size, and cell size. In general, the dimensional tolerances specified in DIN 7715-P3 can be met. If you have specific requirements regarding dimensional stability, please contact our customer service department.

Availability is subject to technical review and feasibility for the respective desired dimensions.

## Technical Data

Property	Standard	Value
Color	%96	black
Bulk density	DIN EN ISO 845	100 ± 20 kg/m <sup>3</sup>
Compressive hardness	ASTM D-1056	45 %B1 15 kPa (25 %) 110 %B1 25 kPa (50 %)
Compression Set	ASTM D 1056	≤ 30 % (23°C / 22 Std / 50 % /24h) ≤ 40 % (40°C / 22 Std / 50 % /24h)
Tensile strength	DIN EN ISO 1798	≥ 250 kPa
Elongation at break	DIN EN ISO 1798	≥ 120 %
Linear shrinkage	%96	≤ 5 % (3 h, 80°C, 6,3 mm)
Water Absorption	ASTM D 1056	≤ 3 %
Fire behavior	FMVSS 302 / DIN 75200 / ISO 3795	< 100 mm/min ab 5mm
Weather resistance	ISO 877	very good
Ozone Resistance	ISO 1431-1	Crack Pattern Level 0
Shore%E4rte	ISO 868 - Shore 00	40%B1 5
Temperature Range	-	-40 bis 100°C

## Cleaning

No significant contamination from the material is expected. For parts with a self-adhesive coating, any adhesive residue can be removed with gasoline if necessary. Follow the safety instructions for the cleaning agent used.

## Environment, Disposal and Safety

Based on available data and experience, this product is not a hazardous substance as defined by the Hazardous Substances Ordinance and the corresponding EC Directives. However, we recommend observing the usual precautions and hygiene practices when 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 restrictions on use: 1907/2006 (REACH), 2011/65 (RoHS2), 2015/863 (RoHS3), 2019/1021 (POP), 517/2014 (Greenhouse Gases), 2024/590 (Ozone Depletion).

## 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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