



Product description

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

Product properties

- Can be used e.g. with: many acids and alkalis in usual concentrations, water and steam up to 100 °C, seawater, saline solutions, detergents, alcohols, glycerine, glycol-based antifreeze and brake fluids, ozone, silicone oils, etc.
- Limited use e.g. with: concentrated hydrochloric acid, chlorine gases, ammonia (hot)
- Not suitable e.g. for: fuels, oils, greases, solvents, concentrated nitric acid and sulphuric acid, nitro

Form of Delivery

Sheets, strips, stamped parts, blanks. Can also be adhered self-adhesive.

Use

Application-related

Applications

For sealing, soundproofing, insulating, shock absorbing in the fields of

- Automotive industry
- Aeronautical engineering
- Sanitary technology
- Ventilation and air conditioning

Notes

All materials with a proportion of closed cells tend to shrink to a certain extent during processing and/or under usage conditions. The degree of shrinkage depends on the material type, density, temperature, exposure time, part size and cell size. In general, the dimensional tolerances of DIN 7715-

Technical Data

Colour	-	black
Bulk density	EN ISO 845	110 – 150 kg/m ³
Temperature application range	-	-40 to 80°C (short term 100°C)
Fire characteristics	DIN 75200/FMVSS 302	< 100 mm/min; >3mm
Compression hardness	ASTM D-1056	20 – 50 kPa (25 %), 80 – 160 kPa (50 %)
Compression set	ASTM-D-1056	≤ 25 % (23°C / 22 Std / 50 %) ≤ 80 % (40°C / 22 Std / 50 %)
Tensile strength	ISO 1798	≥ 350 kPa
Elongation at break	ISO 1798	≥ 150 %
Shrinkage linear	-	≤ 5 % (3 h, 80°C, 6,3 mm)
Water absorption	ASTM-D-1056	≤ 5 %
Weather resistance	ISO 877	Very good
Ozone resistance	DIN ISO 1431-1	Cracking level 0

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P3 can be met. If you have specific requirements for dimensional tolerance, please contact our customer service office.

Cleaning

No significant contamination is expected from the material. Glue residue can be removed using petrol if necessary for self-adhesive parts. Observe the safety requirements for the cleaning agent used.

Disposal

Cellular rubber can be disposed of in domestic waste dumps or domestic waste incinerators in accordance with local waste disposal regulations. RoHS-compliant, free from heavy metals (Pb, Hg, Cd, Cr VI), banned substances on the GADLS list and brominated flame retardants (PBB, PBDE, penta and octabromo derivatives).

Safety instructions

Manufactured without the use of CFCs. On the basis of existing data and experience, the product is not hazardous material in the sense of the hazardous materials regulations and the corresponding EC directives. However, we recommend that you take the same care and use the same hygiene as with chemical materials. Wash hands with soap and water before breaks and after work.

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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