

EPDM Cellular Rubber Cuff

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Celdex EPDM Cellular Rubber Cuffs are manufactured from a closed-cell rubber. EPDM Cellular Rubber Cuffs are designed to create a driving rain- and airtight connection for penetrations and column connections. The material is resistant to UV and aging. EPDM Cellular Rubber Cuffs are custom-made based on the application and dimensions. Available in black, with or without adhesive backing.

PROPERTIES

EPDM Cellular Rubber is a closed-cell rubber used as a seal for various applications. To meet its specifications, such as airtightness, thermal and acoustic insulation, a minimum compression of 20 % will be sufficient. The material is suitable for sealing in various construction and industrial applications involving parallel surfaces. EPDM Cellular Rubber Cuffs are designed to create a driving rain- and airtight connection for penetrations and column connections

CHARACTERISTICS

- Closed-cell EPDM rubber
- With or without adhesive backing (acrylate)
- For various sealing applications in construction and industry
- Limited resistance to acids, oils and alkalis
- Custom-made as a cuff
- Colour: black

PROCESSING GUIDELINES

Use the correct measurement for each EPDM Cellular Rubber Cuff to create an optimal airtight seal. Remove any loose grit and any protruding pebbles or concrete. When using an adhesive cuff, thoroughly remove dust, dirt and grease from the substrate. Position the cuff without stretching around cables, ducts and tubes. Ensure that the entire cuff properly connects to the surface.



SAFETY

No specific safety guidelines exist for this product.

MAINTENANCE INSPECTIONS

Possible damages to the sealing materials can be timely identified by performing periodic inspections. In order to prevent consequential damage, reconstruction works will be carried out in consultation with Celdex. Before any reconstruction works are carried out, it is essential to establish the cause of the damage to the sealing and to ask Celdex for additional advice. This can be done by means of targeted visual inspections or by assessing the damage in a laboratory.

IN CASE OF DOUBT

When in doubt, or in case of deviating circumstances, you can contact our Technical Department. Would you prefer customised advice? Our technical consultants will be happy to help you.

CELDEX

Celdex is a producer of synthetic foam products for construction, industry, sports & leisure. In addition to a wide range of standard products, we also provide customisation. Whichever product you choose, we produce everything in-house and use short delivery times. Celdex is the one discussion partner for airtight construction for architects, construction companies and the supplying industry. Our consultants have broad constructional know-how and think along about construction, use of material and critical connections. Our products can usually be applied prefabricated, which saves a lot of time and construction costs. Throughout the building process, we provide advice about the application and processing of our materials, aiming for optimal performance.

Discover our assortment:

- Foam fillers
- Stone wool products
- Single-sided and double-sided adhesive foam tapes
- Pre-compressed foam tapes
- Butyl tapes
- Fire-resistant products
- Anti-drumming materials
- Duct seals
- Tapes
- Polyurethane foams, elastic sealants and adhesives

TECHNICAL DATA

Density	100 kg/m ³
Shore hardness (00)	35-40
Colour	Black
Adhesive	Acrylic
Airtightness (NEN-EN12207) 20 % compression	Class 4
Airtightness (NEN 2687) 20 % compression	Class 3
Service temperature range	-30 °C to +85 °C (short term +100 °C)
Application temperature	+10 °C to +40 °C
Elongation at break (ASTM D 412)	> 200 %
Tensile strength (ASTM D 412)	> 250 kPa
Fire behaviour (FMVSS 302)	< 100 mm/min
Available thicknesses	1, 2, 3, 4, 5, 6, 8, 10 and 12 mm / others on request
Joint type	Flat, parallel
Water absorption (ASTM D 1056)	< 2 % Vol
UV-resistance	Good
Chemical resistance	Limited resistance to acids, oils and alkalis
Shelf life at storage temperature 20 °C	12 months in closed package

The data on this product data sheet was represented as complete and as correctly as possible, but cannot constitute any guarantee. When in doubt, please consult one of our specialists. The application method, as also the application conditions will be your own responsibility. Deliveries will take place exclusively in conformity with our General Delivery and Payment Conditions.