



Neoprene Cellular Rubber

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Neoprene Cellular Rubber is a closed-cell rubber. Suitable as a premium sealing in various applications within construction and industry, in case of parallel surfaces. The foam tape achieves its sealing properties through compressing. To meet the specifications, such as airtight, thermally and acoustically insulating, compression from 20 % will be sufficient.

PROPERTIES

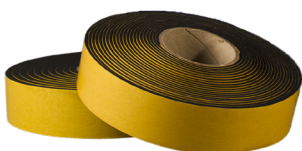
Neoprene Cellular Rubber is available with or without adhesive backing. Available on sheet, roll, reel and as custom punch parts.

CHARACTERISTICS

- With or without adhesive backing (acrylate)
- Available on sheet, roll, reel and punch part
- For various sealing applications in the construction and industry
- Premium sealing
- Resistant to acids, oils and alkalis
- Flame retardant
- Colour: black

PROCESSING GUIDELINES

Thoroughly remove dust, dirt and grease from the substrate with neutral Celdex Cleaner. After removal of the release liner, Neoprene Cellular Rubber can be applied to the substrate. Apply the tape without tension and apply with even pressure to the substrate, while preventing air entrapment. Foam strips must be applied sunken approx. 5 mm into the joint. Compress the product under an angle of approx. 90° with overlength. For a correct sealing, ensure that the Neoprene Cellular Rubber properly connects to both jointing surfaces and compress approx. 20 %. After application apply extra pressure with the Celdex Pressure Roller.



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 prefab, 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 Shore (00)	120-160 kg/m ³
Shore hardness (00)	40-45
Colour	Black
Adhesive	Acrylic
Fire rating (FMVSS 302)	< 100 mm/min
Airtightness (NEN EN 12207)	Class 4
Airtightness (NEN 2687)	Class 3
Thermal conductivity	0.035 W/mK
Water absorption (ASTM D 1056)	< 4 %
Tensile strength (ASTM D 412)	> 480 kPa
Elongation at break (ASTM D 412)	> 200 %
Service temperature range	-40 °C to +75 °C (short term +90 °C)
Application temperature	+10 °C to +40 °C
Available thicknesses	2, 3, 4, 5, 6, 8, and 10 mm / others on request
Joint type	Flat, parallel
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.