



Butyl Tape 311

04.2021

Celdex Butyl Tape 311 is a premium, cross-linked extruded and double-sided adhesive butyl tape. Butyl Tape 311 is suitable for sealing of expansion joints and unloaded connections, where a higher elasticity is required. Available on roll in flat shape, in the colour white.

PROPERTIES

Butyl Tape 311 can be applied directly off the roll, ensuring even pressure on the substrate. Then remove the release liner. The tape will not cure, remains plasto-elastic, has a good temperature resistance and contains no volatile compounds or solvents. The product adheres well to various substrates, particularly on PE foam. Suitable as an air and waterproofing of joints and cracks. Available on roll in flat shape, in the colour white.

CHARACTERISTICS

- Cross-linked butyl rubber
- Easily compressible
- Continued elastic, will not cure
- Available on roll in flat shape
- Good adhesion to PE foam
- Available in the colour white

PROCESSING GUIDELINES

The substrate must be clean, dry and dust-free. Use the correct tape size for every joint width. Butyl Tape 311 must be applied without tension. Apply from the roll with even pressure on the substrate. Then remove the release liner. Make connections by laying the tape on top of each other by approx. 1 cm. The tape should not be taped around corners. Lengthwise butt joints should be cut oversized and applied with overlength. Butyl Tape 311 should be sufficiently compressed to meet the specifications, such as air and watertightness. By sufficiently compressing the tape in the joint, possible unevennesses will be filled and sealed. Store the product cool and dry, in its closed original packaging.



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

Weight	1.5 g/cm ³
Colour	White
Dynamic Tensile Adhesion	25 N/cm ²
Dynamic Shear Adhesion	20 N/cm ²
90° Peel Adhesion	12 N/cm
180° Peel Adhesion	24 N/cm
Tolerances	Approx. 10 % (thickness) Approx. 2 mm (width)
Water vapour permeability	0.13 g/m ² /24hr/mm
Service temperature range	-40 °C to +90 °C
Application temperature	+5 °C to +40 °C
UV-resistance	Good
Joint type	Flat, parallel
Shelf life at storage temperature 20 °C	24 months in closed original packaging in cool, dry conditions

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.